Notes Ck'd by	Survey of A.A.Co. PRECISE LEVEL NET F. B. 4119 PG. 5
Trip No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by DREIER
Checked	Notes Date 1971
Date	Indexed T. M. PALMERI

BOOK INDEX

	PAGE
LINE NO. 40, AUG.-SEPT. 1971 RELEVELING	7 TO 98
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~~LINE NO. 46, SEPT. 1971 RELEVELING 175 TO~~	
~~LINE NO. 56 OCT. 1971 RELEVELING 175~~	
LINE NO 25 NOV. 1971 RELEVELING	175 TO 232

Microfilmed Dec '84.

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET F. B. 4119 PG. 7
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date AUG, SEPT. 1971
Date	Indexed S. J. GALLI SEP 16 '71

JOB NO 0301.02

L.A. CO. PRECISE LEVEL NET

LINE NO. 40, AUG., SEPT 1971 RELEVELING

DREIER
MALDONADO
SIEMANN
PETERSON, D.C.
MIYAHIRA
GOBLE,

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

ROUTE SKETCH LINE 40

F. B. 4119 PG 8

1971 RELEVELING

SEE F.B. 3718-116

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76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-92 F.B. 4119 PG 9

SURVEY BY G.E. Dreier WEATHER Hazy Sun INST. NO. 96716

NOTES BY Maldonado DATE 8-26-71 TIME 10:10 ROD NO. 95896

INDEXED J. GALLI DATE 16 71 NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	164	258	465 5	166 / 162 4	264	590	565 5	291 / 237 54	54 M- 4 M= 50 M=0.20 mm
2	149	414	450 5	151 / 147 4	X49	280	350 5	76 / 22 54	54 M- 4 M= 50 M=0.20 mm
	313	672		8	313	870		108	
	+					040 mm		8	Curvature Corr.=0.40 mm
					-0.	mm			
					313	830		100	
					313	672			
					-	158			

mm= "C"

-0.015 mm= "C"

100 / 1.580
100
580
500
80

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=84
SURVEY BY S.E. DREIER DATE 8-27-71 WEATHER SMOGGY INST. NO. 96711
NOTES BY B. J. GALLI TIME 8:15 ROD NO. 95 & 9
INDEXED DATE SEP 16 71 NOTES CHKD DATE
F.B. 4169 PG. 11

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
				DETERMINATION OF "C"					
		NEAR ROD				FAR ROD			
1	151	543	452 5	153 149 4	157	317	458 5	184 130 54	54M- 4M= 50M=0.20 mm
2	148	480	449 5	150 146 4	142	762	443 5	169 115 54	54M- 4M= 50M=0.20 mm
	300	023		8	300	079		108	
	+					0.40 mm			
					-0. mm			- 8	Curvature Corr.=0.40 mm
					300	039		100	
					300	023			
					-	0.16 mm			
				mm= "C"					
	1								
						- 0.002		mm= "C"	
					100	0.16			

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 76°

SURVEY BY G.E. DREIER WEATHER HAZE INST. NO. 96716

NOTES BY G.E. DREIER DATE 8-30-71 TIME 8:20 ROD NO. 95896

INDEXED E. J. GALLI DATE 16 71 NOTES CHKD DATE

F.B. 4119 PG. 13

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	146	228	447 5	148 / 144 4	151	943	452 5	178 / 124 54	54M- 4M= 50M=0.20 mm
2	151	311	452 5	153 / 149 4	145	644	446 5	172 / 118 54	54M- 4 M= 50 M=0.20 mm
	297	539		8	297	587		108	
	+					0.40			
					-0. mm			-8	Curvature Corr.=0.40 mm
					297	547		100	
					297	539			
					-				
				mm= "C"					
							mm= "C"		

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-74°

SURVEY BY GE DREIER WEATHER HAZY SUN INST. NO. 96716

NOTES BY SIEMANN DATE 8-31-71 TIME 8:30 TO ROD NO. 95096

INDEXED E. J. GALLI DATE SP 16 71 NOTES CHKD. DATE

F.B. 4119 PG. 15

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	147	263	448 5	149 / 145 4	170	494	471 5	197 / 143 54	54 M- 4 M= 50 M=0.20 mm
2	154	172	455 5	156 / 152 4	131	090	432 5	158 / 104 54	54 M- 4 M=50 M=0.20 mm
	301	435			301	584		108	
				8		040		8	
	+				-0.	mm			Curvature Corr.=0.40 mm
					301	544		100	
					301	435			
					-	109			

mm= "C"

- 010 mm= "C"

100 / 109

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 74°

SURVEY BY G.E. DREIER WEATHER SMOGGY INST. NO. 96916

NOTES BY SIEMANN DATE 9-1-71 TIME 8:25 TO 8:30 ROD NO. T5894

INDEXED [illegible] J. GALLI DATE SEP 16 71 NOTES CHKD. DATE

F.B. 4119 PG. 17

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	160	366	461 5	162 / 158 4	243	852	544 5	270 / 216 54	54 M- 4 M= 50 M=0.20mm
2	145	400	446 5	147 / 143 4	62	075	363 5	87 / 35 54	54 M- 4 M= 50 M=0.20 mm
	305	766			305	927		108	
				8		040			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					305	887		100	
					305	766			
					-	121			

mm= "C"

0.12 mm= "C"

100 / 121

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=70 F.B. 4119 PG. 19
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96716
NOTES BY SIEMANN DATE 9-2-71 TIME 8:15 TO 8:30 ROD NO. 95496
INDEXED J. GAIN DATE SEP 16 71 NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION OF "C"					
		NEAR ROD				FAR ROD			
1	149	100	450	5 151 147 4	128	310	429	5 155 101 54	54 M- 4 M= 50 M=0.20 mm
2	155	620	456	5 157 153 4	176	533	477	5 203 149 54	54 M- 4 M= 50 M=0.20 mm
	304	720			304	843		108	
				8		040			
	+				-0.	mm		8	Curvature Corr.=0.40 mm
					304	803		100	
					304	720			
					-	083			
		1		mm= "C"					
					100	0 83	008	mm= "C"	

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=66°

SURVEY BY G.E. DREIER

NOTES BY SIEMAUN DATE 9-3-71

INDEXED J. GAUL DATE SEP 16 71

WEATHER OVERCAST INST. NO. 96746

TIME 8:40 TO 8:30 ROD NO. 95496

NOTES CHKD DATE

F.B. 4119 PG. 21

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	148	000	449 5	150 146 4	85	780	386 5	112 58 54	54M- 4 M=50 M=0.20mm
2	164	327	465 5	166 162 4	226	800	527 5	250 199 54	54M- 4 M= 50 M=0.20mm
	312	327			312	580		108	
				8		040		8	
	+				-0.	mm			Curvature Corr.=0.40mm
					312	540		100	
					312	327			
					-	213			
1	170	653	471 5	172 168 4	233	034	534 5	260 206 54	54M - 4M = 50 M. = 0.20 mm
2	154	572	455 5	156 152 4	92	245	393 5	119 65 54	54 M. - 4M. = 50 M. = 0.20 mm
	325	225		mm= "C"	325	279		108	CURVE. CORR. = 0.40 mm
						040		8	
				8	325	239		100	
					325	225			
						014			
						- 021 mm= "C"			
					100	213			

AFTER ADJ.

- .001 mm = C

100) 0.14

76P526B CE # 308 8-59

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY GE DREIER DATE 7 Sept 1971 WEATHER Hazy & Calm INST. NO. 98718
NOTES BY MIYAHIRA TIME 0830 ROD NO. 95996
INDEXED E. J. GALLI DATE SEP 16 71 NOTES CHKD DATE
F.B. 419 PG. 28

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	179	900	480	5 181 177 4	216	639	517 ~~4~~	5 243 189 54	54 M-4 M=50 M=0.20 mm
2	174	429	475	5 176 172 4	137	643	438	5 164 110 54	54 M-4 M=50 M=0.20 mm
	354	329		8	354	282		108	40
		242				0.40			
	+	087			~~-0.~~	~~mm~~		-8	Curvature Corr.=0.40 mm
					354	242		100	
					-				
									A ~~MIYAHIRA~~ DREIER
		0.009		mm= "C"					
	100 /	0.87							
						/		mm= "C"	

76P526B CE # 308 8/68

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M.11-43 TO B.M.11-44
BM-11-43	Z												BM 11-43
1	201	541	502	5	231 / 169	62	164	008	465	5	195 / 133	62	Gladstone & Cataract
													See F.B. 1376-41
2	131	915	432	5	162 / 100	62 / 124	273	107	574	5	274 / 242	64 / 126	
3	32	225	333	5	53 / 11	42 / 166	243	430	544	5	263 / 223	40 / 166	π - Goble
4	94	908	395	5	122 / 66	56 / 222	6	252	307	5	34 1/2 / 6	56 / 122	
5	238	929	539	5	262 / 214	48 / 270	79	170	380	5	101 / 57	44 / 266	
6	107	327	408	5	128 / 86	42 / 312	268	262	569	5	292 / 244	48 / 314	
												312	
BM 11-44	806	845					1034	229				626	BM 11-44
							806	845					Gladstone & San Dimas
							-227	384					See F.B. 1376-42

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=90°
SURVEY BY DREIER
NOTES BY D. Peterson DATE D. Peterson 9/2/71 TIME 1:30 WEATHER Smoggy INST. NO 96716
INDEXED J. GALLI DATE SEP 16 '71 NOTES CHKD RGB DATE 4-21-71 ROD NO 95896
F.B. 4119 PG. 25

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-44 TO BM 11-43
BM-11-44									BM 11-44
1	266	149	567 5	289 / 243 46	77	725	378 5	99 / 55 44	Gladstone ST & San Dimas AV
									See F.B. 1376-42
2	39	635	340 5	63 / 13 50 / 96	282	549	583 5	1282 / 257 50 / 94	
3	60	985	361 5	93 / 27 66 / 162	6	048	307 5	139 / 26 66 / 160	
4	272	727	573 5	295 / 249 46 / 208	46	088	347 5	69 / 23 46 / 206	
5	192	892	493 5	218 / 166 52 / 260	140	752	441 5	166 / 114 52 / 258	
6	148	837	449 5	172 / 124 48 / 308	201	030	502 5	226 / 176 50 / 308 / 308	
BM 11-43					754	192		616	BM 11-43
	981	225							Gladstone & Cataract
	754	192							See F.B. 1376-41
	+ 227	033							

F.B. 4119 PG. 26 JOB NO. 0301.02

SURVEY OF ~~DREIER~~ L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES D. Peterson 9-3-71

INDEXED E. J. GALLI DATE

WEATHER Smoggy INST. NO. 9671

TIME 1:15 ROD NO. 9589

NOTES CHKD R.B.B. DATE 9-21-71

T = 88°

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY D. Peterson DATE 9/3/71
INDEXED J. GALLI DATE SEP 16 71
WEATHER Smoggy INST. NO. 96716
TIME 1:40 ROD NO. 95896
NOTES CHKD. CBS DATE 9-21-71
F.B. 4119 PG. 27
T=92

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-43 TO BM 11-44
BM 11-43									BM 11-43
1	214	049	515 5	248 / 180 68	153	473	454 5	187 / 119 68	Gladstone & Cataract
									See F.B. 1376-41
2	83	372	384 5	115 / 51 64 / 132	292	143	593 5	291 / 261 60 / 128	
									Rerun
3	27	272	328 5	253 / 227 52 / 184	252	675	553 5	278 / 226 52 / 180	π = Goble
4	241	300	542 5	272 / 210 62 / 246	13	438	314 5	241 / 213 56 / 236	
5	233	967	534 5	261 / 205 56 / 302	266	342	567 5	298 / 234 64 / 300	
6	114	470	415 5	119 / 109 10 / 312	163	668	464 5	169 / 157 12 / 312 / 312 / 624	
BM 11-44	914	430			1141	739			BM 11-44
					914	430			Gladstone & San Dimas
									See F.B. 1376-42
					-227	309			

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-44 TO BM ~~43-11~~ 11-43
BM 11-44													BM 11-44
1	242	760	543	5	263 / 221	42	51	990	352	5	73 / 29	44	Gladstone & San Dimas
													See F.B. 1376-42
2	37	173	338	5	65 / 9	56 / 98	286	618	587	5	1286 / 260	52 / 96	
3	59	525	360	5	91 / 27	64 / 162	11	591	312	5	142 / 211	62 / 158	Reron
													π - Goble
4	271	818	572	5	294 / 248	46 / 208	37	875	338	5	60 / 14	46 / 204	
5	192	465	493	5	220 / 164	56 / 264	137	042	438	5	165 / 109	56 / 260	
6	152	168	453	5	174 / 130	44 / 308	204	062	505	5	229 / 179	50 / 310	
BM 11-43	955	909					729	178				308 / 618	BM 11-43
	729	178											Gladstone & Cataract
	+226	731											See F.B. 1376-41

F.B. 4119 PG. 28 JOB NO. 0301.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY DREIER NOTES D. Peterson 9-3-71

INDEXED [redacted] J. GALLI DATE

T = 92

WEATHER Smoggy INST. NO. 96716

TIME 2:20 ROD NO. 87 [illegible]

NOTES CHKD RGB DATE 9-21-71

76P526B CE # 308 8/68

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 11-44 TO BM 11-43
BM 11-44													BM 11-44
1	292	790	593	5	1292 / 2261	62	160	903	461	5	191 / 129	62	Gladstone & San Dimas
													See F.B. 1376-42
2	6	572	307	5	133 / 26	54 / 116	268	108	569	5	295 / 241	54 / 116	2nd. Rerun
3	199	704	500	5	227 / 171	56 / 172	4	755	305	5	133 / 24	58 / 174	π - DREIER
4	270	350	571	5	297 / 243	54 / 226	70	548	371	5	98 / 42	56 / 230	
5	166	068	467	5	195 / 137	58 / 284	146	123	447	5	123 / 119	54 / 284	
6	140	155	441	5	154 / 126	28 / 312	198	127	499	5	210 / 186	24 / 308	
BM 11-44												312 / 620	BM- 11-43
	1075	639					848	564					Gladstone & Cataract
	848	564											See F.B. 1376-42
	+ 227	075											

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY D. Peterson DATE 9/3/71 WEATHER Smoggy INST. NO 96716

NOTES BY D. Peterson DATE 9/3/71 TIME 2:50 ROD NO 95894

INDEXED J. GALLI DATE SEP 16 '71 NOTES CHKD RGB DATE 9-21-71

T = 92

F.B. 4119 PG. 29

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-43 TO B.M. 11-44
B.M. 11-43													B.M. 11-43
1	222	438	523	5	247 / 197	50	155	577	456	5	181 / 129	52	GLADSTONE ST. & CATARACT
													SEE F.B. 1376-41
2	139	210	440	5	164 / 114	50	216	007	517	5	242 / 190	52	
						100						104	
3	76	283	377	5	97 / 55	42	268	021	569	5	288 / 248	40	
						142						144	
4	24	150	325	5	47 / 1	46	185	431	486	5	208 / 162	46	T = DREIER
						188						190	
5	288	991	589	5	1288 / 1260	56	24	670	325	5	151 / 124	54	
						244						244	
6	202	888	503	5	202 / 181	42	208	380	509	5	228 / 188	40	
						286						284	
7	98	037	399	5	110 / 86	24	221	133	522	5	233 / 209	24	
						310						308	
B.M. 11-44												310	B.M. 11-44
	1051	997					1279	219				618	GLADSTONE ST. & SAN DIMAS A
							1051	997					SEE F.B. 1376-42
							227	222					

T = 96°

WEATHER CLEAR INST. NO 96716

TIME 1:20 TO 1:45 ROD NO 9559

NOTES CHKD RGB DATE 9-21-71

F.B. 4119 PG. 30 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-7-71

INDEXED E. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-44 TO B.M. 11-45A
BM11-44													BM 11-44
1	124	333	425	5	142 / 106	36	263	285	564	5	281 / 245	36	Gladstone 3rd & San Dimas AVE
													See F.B. 1376-42
2	3	495	304	5	121 / 2 3	36 / 72	300	200	601	5	1300 / 2286	28 / 64	
3	34	202	335	5	45 / 23	22 / 94	284	329	585	5	297 / 271	28 / 92	⊼ Goble
4	37	430	338	5	53 / 21	32 / 126	227	182	528	5	243 / 211	32 / 124	
5	135	770	436	5	164 / 106	58 / 184	97	692	398	5	128 / 66	62 / 186	
6	238	~~[illegible]~~ 685	539	5	265 / 211	54 / 238	79	432	380	5	106 / 52	54 / 240	
7	203	088	504	5	230 / 176	54 / 292	90	493	391	5	116 / 64	52 / 292	
8	157	055	458	5	168 / 146	22 / 314	140	765	341	5	51 / 29	22 / 314	BM 11-45A
							183	378				314	San Dimas AVE & Foothill Fwy
BM-11-45A	934	058					934	058				628	See F.B 3710-108
							-309	320					
							-44						

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY D. Peterson DATE 9-2-71 WEATHER Smoggy INST. NO. 96716

NOTES BY D. Peterson DATE 9-2-71 TIME 1:55 ROD NO. 95896

INDEXED J. GALLI DATE SEP 16 '71 NOTES CHKD RBB DATE 9-21-71

Fe 90

F.B. 4119 PG. 31

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-45A TO BM 11-44
B.M. 11-45A									B.M. 11-45A
1	20	837	321 5	148 / 220 56	225	648	526 5	259 / 191 64	SAN DIMAS AVE & FOOTHILL FRWY
									SEE F.B. 3710-108
2	78	075	379 5	109 / 47 62 / 118	214	945	515 5	240 / 188 52 / 116	
3	74	426	375 5	182 / 46 56 / 174	161	797	462 5	188 / 134 54 / 170	π - Goble
4	145	642	446 5	161 / 129 32 / 206	79	485	380 5	95 / 63 32 / 202	
5	240	215	541 5	255 / 225 30 / 236	10	835	311 5	126 / 210 32 / 234	
6	271	988	572 5	284 / 258 26 / 262	17	500	318 5	29 / 5 24 / 258	
7	268	152	569 5	282 / 254 28 / 290	35	078	336 5	50 / 20 30 / 288	
8	212	548	513 5	225 / 199 26 / 316	117	095	418 5	131 / 103 28 / 316	
								316 / 632	
BM 11-44									BM 11-44
	1311	883			862	383			Gladstone & San Dimas
	862	383							See F.B. 1376-42
	449	500							

F.B. 4119 PG. 32 JOB NO. 0301.02 T = 84°

SURVEY OF ~~DREIER~~ L.A. Co. PRECISE LEVEL NET WEATHER Hazy INST. NO. 9671

SURVEY BY DREIER NOTES D. Peterson TIME 11:15 ROD NO. 95892

INDEXED E. J. GALLI DATE NOTES CHKD RGB DATE 4-21-71

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-45A TO B.M. 11-46A
BM 11-45A													BM 11-45A
1	137	710	438	5	167 / 107	60	147	410	448	5	176 / 118	58	San Dimas & Foothill Fwy
													See 3710-108
2	177	399	478	5	206 / 148	58 / 118	150	013	451	5	180 / 120	60 / 118	
													T = SIEMANN
3	200	190	501	5	230 / 170	60 / 178	147	550	448	5	177 / 117	60 / 178	
4	194	882	495	5	221 / 167	54 / 232	115	941	416	5	142 / 88	54 / 232	
5	225	679	526	5	238 / 212	26 / 258	121	800	422	5	135 / 107	28 / 260	
	935	860					682	814				258	
BM 11-46A	682	714						7				518	BM-11-46A (F.C. BM 088-03410)
	+253	046											San Dimas Ave & F.C.
		1											Channel S. of Foothill
													See F.B. 3710-109

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER

NOTES BY D. Peterson DATE 9-2-71

INDEXED J. GALLI DATE SEP 16 '71

WEATHER Smoggy T = 88°

TIME 2:40

NOTES CHKD RGB

INST. NO 96716

ROD NO 95896

DATE 9-21-71

F.B. 4119 PG. 33

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-46A TO BM 11-45A
B.M. 11-46A													B.M. 11-46A (F.C.B.M. 088-03410)
1	8	050	309	5	137 / 2 8	62	182	041	483	5	213 / 151	62	SAN DIMAS AVE & SAN DIMAS WASH, S. OF FOOTHILL BLVD.
2	132	651	433	5	164 / 100	64 / 126	182	262	483	5	213 / 151	62 / 124	SEE F.B. 3710-109
3	130	570	431	5	167 / 93	74 / 200	189	671	490	5	226 / 152	74 / 198	T - Siemann
4	136	620	437	5	167 / 105	62 / 262	107	000	408	5	135 / 79	64 / 262 / 262 / 524	
	407	891					660	974					
B.M. 11-45A							407	891					B.M. 11-45A
							253	083					SAN DIMAS AVE & FOOTHILL FRWY
													SEE F.B. 3710-108

F.B. 419 PG. 34 JOB NO. 030102

SURVEY OF DREIER L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES D. Peterson 9-3-74

INDEXED J. GALLI DATE

T = 82° HAZY

WEATHER Smoggy INST. NO. 96716

TIME 11:00 ROD NO. 95049

NOTES CHKD. RGD DATE 9-21-71

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-46A TO B.M. 11-47A
BM46A									BM-46A
1	301	999	602 5	1301 / 2277 48	39	750	340 5	64 / 14 50	San Dimas Ave & F.C.
									Channel S. of Foothill
2	80	169	381 5	106 / 54 52 / 100	168	650	469 5	194 / 142 52 / 102	See F.B. 3710-109
3	191	862	492 5	216 / 166 50 / 150	69	997	370 5	95 / 43 52 / 154	
4	286	089	587 5	286 / 248½ 76 / 226 ✓	47	069	348 5	182 / 247 70 / 224 ✓	
					325	476 ✓		226 / 450 ✓	BM 11-47A
M 11-47A									
	860	119 ✓							Foothill & Walnut Ave
	325	466							@ San Dimas Wash
	+534	642 ✓							See F.B. 2880-29 & 30
		53							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY D. Peterson DATE 9-2-71 WEATHER Smoggy T = 88° INST. NO 96716

NOTES BY D. Peterson DATE 9-2-71 TIME 3:00 ROD NO 95896

INDEXED E. J. GAIN DATE SEP 16 '71 NOTES CHKD RGB DATE 9-21-71

F.B. 4119 PG. 35

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-47A TO BM 11-46A
B.M. 11-47A													B.M. 11-47A
1	27	761	328	5	1/2 58 27	62	239	721	540	5	268 210	58	FOOTHILL BLVD. & WALNUT AVE
													& SAN DIMAS WASH
2	31	799	332	5	1/2 70 31	78 140	209	200	510	5	248 170	78 136	SEE F.B. 2880-29 & 30
3	104	629	405	5	134 74	60 200	185	460	486	5	217 153	64 200	⊼ - Siemann
4	102	773	403	5	177 93	18 218	167	399	468	5	177 157	20 220 218 438	
	266	962					801	780					
B.M. 11-46A							266	962					B.M. 11-46A (F.C.B.M. 088-03410)
							534	818					SAN DIMAS AVE & SAN DIMAS
													WASH, S. OF FOOTHILL BLVD.
													SEE F.B. 3710-109

F.B. 4119 PG. 36 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES D. Peterson 9/3/71

INDEXED J. GALL DATE

T = 82°

WEATHER Hazy INST. NO. 96716

TIME 10:45 ROD NO. 95896

NOTES CHKD RGB DATE 9-21

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY D. Peterson D. Reier
NOTES BY J. GALLI
INDEXED ■ DATE
DATE SEP 16 '71
DATE 9-3-71
WEATHER Overcast
TIME 8:30 to 18:00
NOTES CHKD KOS
INST. NO 96716
ROD NO 95896
DATE 9-21-71
F.B. 4119 PG. 37

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 11-47A TO B.M. 11-48
.M. 11-47A											BM 11-47A
1	237	207	538	5	285 189 96	13	123	314	5	61 13 96	Foothill & Walnut Ave
											@ San Dimas Wash
2	301	735	602	5	301 228 92	9	533	310	5	51 9 84	See F.B 2880-29 & 30
					186					180	
3	278	568	579	5	278 240 72	38	638	339	5	76 38 72	
					260					252	
4	301	717	602	5	301 228 52	27	073	328	5	56 27 58	
					312					310	π = MIYAHIRA
5	220	807	521	5	251 189 62	115	545	416	5	142 88 54	
					374					364	
6	185	390	486	5	200 170 30	102	267	403	5	123 81 42	
					404					406	
7	114	200	415	5	121 107 14	146	350	447	5	153 139 14	
					418 ✓					420 ✓	
										48	B.M. 11-48 (U.S.C.&G.S. A-36)
.M. 11-48				5						838 ✓	FOOTHILL BLVD. & ~~WALNUT AVE.~~
	1639624 ✓					452529 ✓					SAN DIMAS CYN. RD. ±32' S.O.F.INT.
	452529										SEE F.B. 1376-45
+	1187095 ✓										

π = 66

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM11-48 TO BM11-47A
B.M.-11-48													BM11-48 (U.S.C.&G.S. A-36)
1	178	405	479	5	210 146	64	234	833	535	5	266 202	64	Foothill & San Dimas Cyn
													132' S. ℄ Int
2	84	345	385	5	111 57	54	190	470	491	5	216 164	52	See F.B. 1376-45
						118						116	
3	50	470	351	5	76 24	52	274	822	575	5	300 248	52	
						170			550		276	168	
4	21	465	322	5	46 ½ 21	50	249	380 ~~550~~	~~276~~ ~~222~~	5	222 ~~54~~	54	
						220						222	⊼ = MIYAHRA
5	51	260	352	5	76 26	50	242	105	543	5	268 216	52	
						270						274	
6	60	935	361	5	89 31	58	231	328	532	5	258 204	54	
						328						328	
7	22	000	323	5	66 ½ 22	88	233	655	534	5	278 188	90	
						416 ✓						418 ✓	
8				5						5			
												416	
B.M. 11-47A												~~372~~	B.M. 11-47A
	468	880 ✓					1656	593 ✓				834	FOOTHILL BLVD. & SAN DIMAS WASH
							468	880					SEE F.B. 2880 - 29&30
							-1187	713 ✓					

F.B. 4119 PG. 38 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-3-71

INDEXED E. J. GALLI DATE

WEATHER OVERCAST 70° INST. NO. 96716

TIME 10:00 TO ROD NO. 95896

NOTES CHKD RGB DATE 9-21-71

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 9-7-71 WEATHER HAZE 92°
NOTES BY G.E. DREIER TIME 9:55 TO 10:30 INST. NO. 96716
INDEXED W. J. GALLI DATE SEP 16 '71 NOTES CHKD. R.B.B. DATE 9-21-71 ROD NO. 73 & 96
F.B. 4119 PG. 39

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 11-47A TO B.M. 11-48
B.M. 11-47A	210				247					82	B.M. 11-47A
1	~~209~~	050	511	5	173 74	44	850	345	5	6 76	FOOTHILL BLVD. & WALNUT $
					279					68	SAN DIMAS WASH
2	245	472	546	5	211 68	34	105	335	5	0 68	SEE F.B 2880-29 & 30
					297 142					155 144	RERUN
3	262	795	563	5	227 70	20	480	321	5	½ 20 70	T. MINAHIRA
					298 212					141 214	
4	298	028	599	5	½ 267 62	13	710	314	5	½ 13 56	
					287 274					112 270	
5	258	363	559	5	229 58	81	155	382	5	50 62	
					230 332					117 332	
6	200	580	510	5	170 60	87	656	388	5	57 60	
					130 392					136 392	
7	119	550	420	5	108 22	125	582	426	5	114 22	
					414					414	
B.M. 11-48										414	B.M. 11-48 (U.S.C.&G.S. A-36)
	1594	838				407	538			828	FOOTHILL BLVD. & SAN DIMAS CN. RD.
	407	538									SEE F.B. 1376-45
	+1187	300									

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.11-48 TO B.M.11-47A
B.M.11-48									B.M.11-48 (U.S.C.&G.S. A-36 1923)
1	182	780	483 5	214 150 64	242	450	543 5	278 206 72	FOOTHILL BLVD. & SAN DIMAS CN. RD.
									SEE F.B 1376-45
2	82	510	383 5	112 52 60	194	680	495 5	222 166 56	
				124				128	RERUN
3	4	782	305 5	34 ½ 4 60	294	860	595 5	294 ½ 266 56	T & MIYAHIRA
				184				184	
4	20	625	321 5	50 ½ 20 60	255	107	556 5	285 225 60	
				244				244	
5	36	520	337 5	65 7 58	237	352	538 5	266 208 58	
				302				302	
6	61	103	362 5	91 31 60	246	160	547 5	277 215 62	
				362				364	
7	72	100	373 5	100 44 56	177	040	478 5	204 150 54	
				418				418	
B.M.11-47A								418	B.M.11-47A
	460	420			1647	649		836	FOOTHILL BLVD & WALNUT AVE
					460	420			& SAN DIMAS WASH
									SEE F.B. 2880-29 & 30
					1187	229			

F.B. 4119 Pg. 40

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-7-71

INDEXED J. GALLI DATE

JOB NO. 0301.02

WEATHER HAZE 90°

TIME 10:30 TO 11:00

NOTES CHKD CGB

INST. NO. 96716

ROD NO. 95896

DATE 9-21-71

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 11-45A TO BM 40-1
BM 11-45A													BM 11-45A
1	103	287	404	5	129 77	52	160	674	461	5	185 135	50	~~Glad stone~~ SAN DIMA AVE &
													FOOT HILL FWY
2	197	054	498	5	220 174	46	150	713	451	5	174 126	48	See FB 3710-108
						98						98	
3	114	751	415	5	146 82	64	251	918	552	5	284 218	66	
						162						164	⊼ DREIER
4	14	683	315	5	(1/2) 49 14	70	274	583	575	5	(1/2) 274 240	68	
						232						232	
5	~~30~~	~~330~~	~~331~~	~~5~~	~~61 -1~~	~~60~~	299	381	600	5	(1/2) 299 268	62	
	~~290~~	292	319		(1/2) 49 18	232	313	21				294	
BM 40-1	18	31				62						294	BM 40-1
	448	067				294	1137	269				588	BASELINE Rd & CATARACT AVE
							448	067					See FB 1361-7
							689	202					

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G E DREIER

NOTES BY MIYAHIRA DATE 7 AUGUST 1971 TIME 8:45 to WEATHER HAZY & CALM INST. NO. 96716

INDEXED J. GAIN DATE SEP 16 '71 NOTES CHKD RGB DATE 9-21-71 ROD NO. 95896

F.B. 4119 PG. 41

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 40-1 TO BM 11-45A
BM 40-1									BM 40-1
1	298	954	599 5	298 267 62	17	872	318 5	48 17 62	BASELINE Rd & CATARACT Ave
									See FB 1361-7
2	267	670	568 5	297 237 60	30	378	331 5	62 -2 64	
				122				126	
3	264	392	565 5	295 233 62	110	330	411 5	141 79 62	⊼ DREIER
				184				188	
4	178	567	479 5	204 152 52	203	973	504 5	228 178 50	
				236				238	
5	150	460	451 5	182 118 64	108	372	409 5	139 77 62	
	333	31		300	22	31		300	
BM 11-45A								300	BM 11-45A
	1160	043			470	925		600	SAN DIMA Ave & FOOTHILL Fwy
	470	925							See FB 3710-108
	+689	118							

F.B. 4119 PG. 42 JOB NO. 0301.02 T=92

SURVEY OF LA Co. PRECISE LEVEL NET

SURVEY BY GEDREIER NOTES MIYAHIRA 9-7-71

INDEXED C. J. GALLI DATE

WEATHER HAZY & CALM INST. NO. 96717

TIME 9:15 ROD NO. 95896

NOTES CHKD RGB DATE 9-21-71

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	34	2-3			322	33			FROM BM 40-1 TO BM 40-2A
BM 40-1				84				293	BM 40-1
1	53	661	354 5	53½ 62	263	246	564 5	233 60	Base Line Rd. & Cataract Ave.
				75	4			293	See F.B. 1361-7 ℄ Int.
2	45	909	346 5	15 60	263	099	565 5	235 58	
				68 122				299 118	
3	38	785	339 5	8 60	269	385	570 5	239 60	
				64 182				296 178	T-Siemann
4	34	579	335 5	4 60	264	001	565 5	232 64	
				77 242				292 242	
5	47	505	348 5	17 60	261	807	562 5	230 62	
				112 302				257 304	
6	82	138	383 5	52 60	225	278	526 5	193 64	
				93 362				157 368	
7	73	610	374 5	53 40	140	863	441 5	123 34	
				402				402	
								402	
	376	187			1688	679		804	
					376	187			
					1312	492			
BM 40-2A									BM 40-2A
									Base Line Rd. & Amelia Ave. N.E. Cor.
									See F.B. 1361-180

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY MALDONADO DATE 8-26-71
INDEXED J. GALLI DATE SEP 16 '71
WEATHER Hazy Sun INST. NO. 96716
TIME 10:15 to 10:40 ROD NO. 95596
NOTES CHKD. DM DATE SEP 20 '71
T-92°
F.B. 4119 PG. 43

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 40-2A TO BM 40-1
BM 40-2A	444	34						3					BM 40-2A
1	196	459	497	5	226 / 166	60	86	440	387	5	117 / 55	62	Base Line Rd. Amelia Ave.
													See F.B. 1361-180 N.E.Co
2	217	583	518	5	242 / 192	50	89	584	390	5	113 / 65	48	
						110						110	
3	240	808	541	5	267 / 213	54	60	698	361	5	87 / 33	54	
						164						164	
4	261	658	562	5	287 / 235	52	52	610	353	5	78 / 26	52	
						216						216	
5	249	112	550	5	276 / 222	54	84	433	385	5	111 / 57	54	π SIEMANN
						270						270	
6	272	133	573	5	297 / 247	50	51	140	352	5	77 / 25	52	
						320						322	
7	246	850	547	5	271 / 221	50	59	949	360	5	85 / 33	52	
						370						374	
8	229	609	530	5	248 / 210	38	117	049	418	5	133 / 101	32	
						408						406	
BM 40-1												408	BM 40-1
	1914	212					601	903				814	BASE LINE RD. & CATARACT AVE
	601	903											SEE F.B 1361-7 ℄ INT
	+1312	309											

T-88

F.B. 4119 PG. 44 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES GOBLE 9-1-71

INDEXED E. J. GALLI DATE

WEATHER SUNNY & SMOGGY INST. NO. 9671

TIME 1:45 TO 2:20 ROD NO. 9539

NOTES CHKD LM DATE SEP 20 71

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
	~~433~~	~~33~~					~~343~~	~~22~~					FROM BM 40-2A TO BM 40-3A
BM 40-2A					174						161		BM 40-2A
1	147	549	448	5	120	54	133	211	434	5	105	56	Baseline Rd. & Amelia Ave. NE Cor
					243						46		See F.B. 1361-180
2	229	027	530	5	214	28	32	529	333	5	18	28	
					300	82					17	84	
3	291	800	592	5	282	18	8	710	309	5	8 ½	18	
					301	100					73	102	T-Siemann
4	292	494	593	5	283	18	64	871	365	5	55	18	
					294	118					165	120	
5	270	511	571	5	246	48	138	070	439	5	111	54	
	192	129	493	5	222	166					205	174	
6	~~138~~	~~070~~	~~439~~	~~5~~	162	54	176	218	477	5	147	58	
					156	226					205	232	
7	132	389	433	5	108	48	184	440	485	5	163	42	
					132	274					260	274	
8	118	830	419	5	104	28	246	631	547	5	232	28	
						302						302	
												302	
												404	
												6	
	1674	729					984	680					
	984	680											BM 40-3A
BM 40-3A	690	049											Amelia Ave & Foothill Blvd.
													See F.B. 2132-84, 260

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. Dreier DATE 8-26-71 WEATHER Hazy Sun TIME 10:45 to 11:15 INST. NO. 96716

NOTES BY Waldpmed DATE 8-26-71 ROD NO. 95846

INDEXED J. GALLI DATE 9-16-71 NOTES CHKD. AM DATE 9-20-71

T-92°

F.B. 4119 PG. 45

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 40-3A TO BM 40-2A
BM 40-3A	2433						4423	2					BM 40-3A
1	265	180	566	5	301 229	72	92	100	393	5	130 54	76	Amelia Ave. & Foothill Blvd.
													see F.B. 2132-84,-260
2	187	043	488	5	216 158	58	197	150	498	5	223 169	54	
						130						130	
3	124	552	425	5	152 96	56	263	893	564	5	290 236	54	
						186						184	
4	38	930	339	5	48 28	20	279	522	580	5	287 271	16	
						206						200	
5	12	732	313	5	20 4	16	292	389	593	5	302 282	20	T SIEMANN
						222						220	
6	19	411	320	5	38 0	38	207	210	508	5	227 187	40	
						260						260	
7	122	380	423	5	144 100	44	128	279	429	5	151 105	46	
						304						306	
BM 40-2A												304	BM 40-2A
	770	228					1460	540				610	AMELIA AVE & BASELINE RD
							770	228					SEE F.B 1361-180 NE. COR
							690	315					

T-88

F.B. 4119 PG. 46 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES GOBLE 9-1-71

INDEXED E. J. GAIN DATE

WEATHER SMOGGY & SUNNY INST. NO. 9671

TIME 1:12-145 ROD NO. 95 & 96

NOTES CHKD. JM DATE SEP 20 '71

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-90
SURVEY BY G E DRIER
NOTES BY GOBLE DATE 9-1-71
INDEXED E. J. GALLI DATE SEP 16 71
WEATHER SUNNY
TIME 2.30 - 3.00
NOTES CHKD. LM
INST. NO 96714
ROD NO 95694
DATE SEP 20 71
F.B. 4119 PG. 47

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 40-2A TO BM 40-3A
M 40-2A		2											BM 40-2A
1	150	810	451	5	183 117	66	92	950	393	5	125 59	66	BASE LINE RD & AMELIA AVE
													SEE FB1361-180 N.E. COR
2	287	084	588	5	304 270	34	14	488	315	5	26 2	24	
						100						90	
3	279	260	580	5	287 271	16	10	880	311	5	20 0	20	
						116						110	RERUN
4	273	322	574	5	283 263	20	57	772	358	5	72 42	30	
						136						140	
5	201	861	502	5	224 174	50	132	045	433	5	156 109	48	T SIEMANN
						186						188	
6	163	170	464	5	188 138	50	188	019	489	5	214 162	52	
						236						240	
7	138	415	439	5	163 113	50	194	391	495	5	217 171	46	
						286						286	
8	124	279	425	5	135 113	22	237	600	538	5	248 226	22	
						308						308	
M 40-3A												308	BM 40-3A
	1618	201					928	145				616	AMELIA AVE & FOOT HILL BLVD
	928	145											
	+690	056											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 40-3A TO BM 40-2A
BM 40-3A					303						129		BM 40-3A
1	265	861	566	5	227	76	92	884	393	5	55	74	AMELIA Ave & FOOTHILL Blvd &
													See FB
					212						230		
2	175	565	476	5	138	74	193	635	494	5	156	74	
						150						148	⊼ Siemman
					102						301		
3	79	407	380	5	56	46	301	809	602	5	280	42	
						196						190	Rerun
					34						300		
4	26	160	327	5	18	16	292	764	593	5	284	16	
						212						206	
					26						280		
5	17	641	318	5	8	18	269	202	570	5	258	22	
						230						228	
					92						197		
6	55	559	356	5	18	74	159	931	460	5	121	76	
	343	22				304	434	22				304	
BM 40-2A				5						5		304	BM 40-2A
	620	193					1310	225				608	AMELIA Ave & BASELINE NE Cor.
							620	193					See FB 1361-180
							690	032					

F.B. 4119 PG. 48 JOB NO. 0301.02

SURVEY OF L A Co PRECISE Level Net

SURVEY BY GEDREIER NOTES MIYAHIRA 9-2-71

INDEXED C. J. GALLI DATE

WEATHER Calm & Clear INST. NO. 96716

TIME 11:00 to ROD NO. 95896

NOTES CHKD JM DATE SEP 20 71

1:80

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
	~~224~~	~~63~~					~~433~~	~~43~~					FROM BM 40-3A TO BM 40-4B
					125						294		BM 40-3A
1	106 ~~272~~	964	407	5	87	38	273	020	574	5	252	42	Amelia Ave. & Foothill Blvd.
					18 1/2						275		see F.B. 2132-84,-260
2	4	499	305	5	4	28	261	779	562	5	247	28	
					37	66					294	70	
3	20	080	321	5	3	34	279	849	580	5	264	30	
					229	100					231	100	K. Siemann
4	199	580	500	5	169	60	200	040	501	5	169	62	
					248	160					99	162	
5	220	589	521	5	192	56	69	018	370	5	39	60	
					297	216					59	222	
6	276	455	577	5	255	42	43	466	344	5	27	32	
					289 1/2	258					87	254	
7	289	873	590	5	269 1/2	40	66	962	367	5	45	42	
					216	298					160	296	
8	210	492	511	5	204	12	153	483	454	5	146	14	
						310						310	
												310	
	1328	532					1347	617				620	
							1328	532					
BM 40-4B							19	08					BM 40-4B
													Amelia Ave & Country Club Dr.
													See F.B. 1361-21

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-92°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 8-26-71 WEATHER Hazy Sun INST. NO. 96716
INDEXED J. GALLI DATE SEP 16 71 TIME 11:15 to 11:45 ROD NO. 95 & 96
NOTES CHKD. RM DATE SEP 20 71

F.B. 4119 PG. 49

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 40-4B TO BM 40-3A
BM 40-4B	54	43					44	42					BM 40-4B (Bt. SPK.)
1	17	067	318	5	33 / 1	32	266	940	567	5	282 / 250	32	Amelia Ave. & Country Club Dr.
													See F.B. 1361-21
2	31	692	332	5	53 / 9	44	288	079	589	5½	288 / 265½	46	
						76						78	
3	27	029	328	5	52 / 2	50	195	502	496	5	220 / 170	50	
						126						128	
4	151	931	452	5	177 / 125	52	164	539	465	5	191 / 137	54	
						178						182	
5	188	645	489	5	203 / 173	30	74	870	375	5	88 / 60	28	T Slemann
						208						210	
6	269	490	570	5	286 / 252	34	35	762	336	5	51 / 19	32	
						242						242	
7	296	795	597	5	1296 / 281	30	44	474	345	5	60 / 28	32	
						272						274	
8	169	819	470	5	190 / 148	42	63	390	364	5	81 / 45	36	
						314						310	
BM 40-3A												314	BM 40-3A
	1152	468					1133	556				624	Amelia AVE & Foothill Blvd
	1133	556											See F.B 2132-84, 260
	+18	912											

T-8L

F.B. 4119 PG. 50 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Goble 9-1-71

INDEXED E. J. GALLI DATE

WEATHER SMOGGY INST. NO. 96716

TIME 11.15 - 1.50 ROD NO. 95896

NOTES CHKD LM DATE SEP 20 71

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 40-4B TO BM 40-4
BM 40-4B									BM 40-4B (Bt. Spk.)
1	264	452	565 5	284 / 244 40	117	425	418 5	140 / 94 46	Amelia Ave. & Country Club Dr.
									See F.B. 1361-21
2	272	160	573 5	300 / 244 56	51	343	352 5	76 / 26 50	
				96				96	
3	251	936	552 5	281 / 221 60	85	203	386 5	115 / 55 60	
				156				156	π = MIYAHIRA
4	186	295	487 5	212 / 160 52	138	593	439 5	163 / 113 50	
				208				206	
5	175	274	476 5	190 / 160 30	27	880	328 5	43 / 11 32	
				238				238	
6	224	126	525 5	232 / 216 16	81	805	382 5	88 / 74 14	
				254				252	
BM. 40-4								254	B.M. 40-4
	1374	243			502	249		506	AMELIA AVE, FOOTHILL BLVD. & OAK
	502	249							PARK RD.
+	871	994							SEE F.B. 1361-10

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 8-26-71

INDEXED E. J. GALLI DATE SEP 16 '71

WEATHER HAZY SUN INST. NO 96716

TIME 1:20 TO 2:05 ROD NO 96695

NOTES CHKD. LM DATE SEP 20 '71

T-96

F.B. 4119 PG. 51

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 40-4 TO B.M. 40-4B
B.M. 40-4													B.M. 40-4
1	84	045	385	5	92 / 78	14	235	133	536	5	243 / 227	16	AMELIA AVE., FOOTHILL BLVD.
													& OAK PARK RD.
2	46	510	347	5	61 / 31	30	182	780	483	5	196 / 168	28	SEE F.B. 1361-10
						44						44	
3	128	585	429	5	157 / 99	58	169	600	470	5	199 / 139	60	
						102						104	
4	55	565	356	5	85 / 25	60	245	800	546	5	274 / 216	58	
						162						162	π = MIYAHIRA
5	9	730	310	5	45 / 9	72	297	975	598	5	297 / 262	70	
						234						232	
6	131	285	432	5	143 / 119	24	196	315	497	5	207 / 185	22	
						258						254	
B.M. 40-4B												258	B.M. 40-4B
	455	720					327	603				512	AMELIA AVE. & COUNTRY CLUB B
							455	720					SEE. F.B. 1361-21
							871	883					

F.B. 4119 PG. 52 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-1-71

INDEXED J. GAIN DATE

WEATHER SMOGGY INST. NO. 96716

TIME 10:40 TO 11:10 ROD NO. 95696

NOTES CHKD RM DATE SEP 20 '71

T = 76°

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 8-26-71 WEATHER HAZY SUN INST. NO 76716
NOTES BY SIEMANN TIME 2:10 TO 2:15 ROD NO 95884
INDEXED J. GALLI DATE SEP 16 71 NOTES CHKD DATE SEP 20 71
T = 96°
F.B. 4119 PG. 53

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 40-4 TO B.M. 40-4A
M.40-4				204				76	B.M. 40-4
1	201	620	502 5	198 6	73	030	374 5	70 6	AMELIA AVE & FOOTHILL BLVD. & OAK
								6	PARK RD.
									SEE F.B. 1361-10
								12	
	73	030							B.M. 40-4A
M.40-4A									AMELIA AVE., FOOTHILL BLVD. &
	+128	590							OAK PARK RD.
	T = 76°		RERUN 9-1-71		10:36 TO 10:37				SEE F.B. 1361-10
M.40-4				188				60	
1	186	870	487 5	184 4	58	025	359 5	56 4	
M.40-4A	58	025						4	
	+128	845						8	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 40-4A TO B.M. 40-4
B.M. 40-4A													B.M. 40-4A
1	55	245	356	5	57 53	4	184	100	485	5	186 182	4	AMELIA AVE., FOOTHILL BLVD.
													& OAK PARK RD.
							55	245				4	SEE F.B. 1361-10
													π = MIYAHIRA
B.M. 40-4													B.M. 40-4
						-	128	855				8	FOOTHILL BLVD., OAK PARK RD., & AMEL
													SEE F.B. 1361-10
					RERUN		9-1-71		10:35 TO 10:36				T = 76°
B.M. 40-4A													
1	55	100	356	5	57 53	4	183	833	484	5	186 182	4	
B.M. 40-4							55	100				4	
						-	128	733				8	

T = 74°

WEATHER SMOGGS INST. NO. 96716

TIME 10:30 TO 10:35 ROD NO. 95896

NOTES CHKD. JM DATE SEP 20 '71

F.B. 4119 PG. 54 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-1-71

INDEXED J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 98°
SURVEY BY G.E. DREIER WEATHER LT WIND INST. NO 96716
NOTES BY SIEMANN DATE 8-26-71 TIME 3:00 TO ROD NO 25492
INDEXED R. J. GALLI DATE SEP 16 71 NOTES CHKD A.M. DATE SEP 20 71
F.B. 4119 PG. 55

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 40-4A TO B.M. 40-5
M.40-4A	5										B.M. 40-4A
1	15	180	316	5	36 15 42	106	223	407	5	129 83 46	AMELIA AVE., FOOTHILL BLVD. & OAK PARK RD.
2	183	055	484	5	204 162 42	148	774	449	5	164 132 32	SEE F.B. 1361-10
					84					78	
3	97	355	398	5	124 70 54	300	526	601	5	300 274 52	
					138					130	
4	37	340	338	5	53 21 32	294	313	595	5	294 277 34	
					170					164	
5	27	730	328	5	42 12 30	296	197	597	5	296 280 32	T = MIYAHIRA
					200					196	
6	12	537	313	5	28 12 32	293	940	594	5	293 278 30	
					232					226	
7	4	320	305	5	19 4 30	293	792	594	5	293 280 26	
					262					252	
8	5	123	306	5	16 5 22	299	735	600	5	299 284 30	
					284					282	
9	8	000	309	5	21 8 26	288	413	589	5	300 276 24	
10	21	905	322	5	34 8 26	290	667	591	5	303 277 26	
					310					302	
					336					332	
11	39	987	340	5	60 18 42	254	800	555	5	280 228 52	
										384	
12	104	595	405	5	167 91 378 26	195	252	496	5	204 186 18	
					404					402	
M.40-5										404	B.M. 40-5
	557	127				3062	632			806	FOOTHILL BLVD. BETWEEN LONE HILL AVE. & HACIENDA AVE.
						557	127				SEE F.B. 1361-181
						2505	505				

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F.B. 4119 PG. 56 JOB NO. 0301.02

SURVEY OF L.A.C.O. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-1-71

INDEXED E. J. GALLI DATE

WEATHER SMOGGY INST. NO. 76716

TIME 8:40 TO 10:30 ROD NO. 75196

NOTES CHKD DM DATE SEP 20 71

T = 74°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 40-5 TO B.M. 4A
B.M. 40-5													B.M. 40-5
1	223	152	524	5	243 203	40	62	710	363	5	82 42	40	FOOTHILL BLVD. W. OF LONE HILL AVE.
													SEE F.B. 1361-181
2	2 144	400	545	5	262 226	36	30	025	331	5	47 13	34	
						76						74	
3	300	715	601	5	300 ½ 287	26	5	340	306	5	19 ½ 5	28	
						102						102	
4	300	250	601	5	300 ½ 286	28	4	157	305	5	18 ½ 4	28	
						130						130	
5	301	610	602	5	301 ½ 290	22	9	060	310	5	26 ½ 9	24	
						152					41	154	
6	283	928	584	5	296 270	26	27	083	328	5	13	28	
						178						182	T = MIYAHIRA
7	268	500	569	5	281 255	26	46	540	347	5	58 34	24	
						204						206	
8	285	500	586	5	300 270	30	43	635	344	5	57 29	28	
						234						234	
9	297	754	598	5	297 281	32	38	170	339	5	54 22	32	
						266						266	
10	295	355	596	5	295 ½ 272	46	72	200	373	5	97 47	50	
11	147	673	448	5	172 122	312 50	187	815	488	5	210 164	316 46	
						362						362	
12	98	470	399	5	118 78	40	15	307	316	5	35 ½ 15	40	
						402						402	
												402	B.M. 40-4A
B.M. 40-4A												804	FOOTHILL BLVD., OAK PARK RD., & AMELIA AVE.
	3047	307					542	042					SEE F.B. 1361-10
	542	042											
	+2505	265											

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T = 84°

F.B. 4119 PG. 57

SURVEY BY G. E. Dreier WEATHER HAZY SUN INST. NO. 96716

NOTES BY Siemann DATE 8-27-71 TIME 9:25 to 9:30 ROD NO. 95 & 96

INDEXED [illegible]. J. GALLI DATE SEP 16 '71 NOTES CHKD. LM DATE SEP 20 '71

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 40-5 TO B.M. 40-5A
M. 40-5				174				177	B.M. 40-5 (1/4 Sec. Cor.)
1	170	283	471 5	166 8	133	700	434 5	129 8	FOOTHILL BLVD. & 145 Ft. E. of
	133	700						8	Hacienda Ave &
	+36	583						16	See 1361-181
									T. Miyahira
BM 40-5A									BM 40-5A (LACFCD. BM 82-105 1964) Foothill Blvd. & 165 Ft. E. of Hacienda Ave. See F.B. 1361-182

76P526B CE # 308 8/68

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F.B. 4119 PG. 58 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-1-71

INDEXED E. J. GALLI DATE

T = 74°

WEATHER SMOGGY INST. NO. 96716

TIME 8:30 TO 8:40 ROD NO. 25894

NOTES CHKD. AM DATE SEP 20

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 40-5A TO B.M. 40-#5
BM. 40-5A					143						179		B.M. 40-5A
1	138	325	439	5	133	10	174	945	475	5	169	10	FOOTHILL BLVD. & F.C. CHANNEL
												10	W. OF LONE HILL AVE.
							138	325				20	T = MIYAHIRA
BM. 40-5							36	620					B.M. 40-5
													FOOTHILL BLVD. W. OF LONE HILL A

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA		DESCRIPTION AND REMARKS
											FROM BM40-5A TO BM40-6
BM 40-5A				123					205		BM 40-5A (L.A.C.F.C.D. BM82-105
1	111	233	412	5 99	24	193	380	494	5 181	24	Foothill Blvd. 165 ft. E. 1964)
				94					284		of Hacienda Ave.
2	68	999	369	5 48	54	256	773	557	5 228	56	See F.B. 1361-182
				104	78				274	80	
3	78	169	379	5 52	52	247	313	548	5 220	54	
				88	130				294	134	
4	53	095	354	5 18	70	259	008	560	5 226	68	T-D. Peterson
				148	200				162	202	
5	113	710	414	5 78	70	125	538	426	5 88	74	
				216	270				174	276	
6	183	220	484	5 150	66	143	392	444	5 110	64	
				165	336				224	340	
7	131	874	432	5 97	68	193	480	494	5 162	62	
					404					402	
										404	
	740	300				1418884				806	
						740300					
						678584					
BM 40-6											BM 40-6 (Sec. Cor. 29, 28, 32, 33) Foothill Blvd. & Valley Center Ave. - & Int. See F.B. 1361-12

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier DATE 8-27-71 WEATHER Hazy Sun INST. NO. 96716

NOTES BY Malcomade TIME 9:30 to 10:20 ROD NO. 95E96

INDEXED R. J. GALL DATE SEP 16 71 NOTES CHKD. DM DATE SEP 20 71

T-86°

F.B. 4119 PG. 59

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 40-6 TO B.M 40-5A
B.M. 40-6													B.M. 40-6 (SEC. COR. 29.28.32.33)
1	187	705	488	5	214 160	54	130	735	431	5	157 103	54	FOOTHILL BLVD. & VALLEY
													CENTER AVE.
2	155	452	456	5	181 127	54	170	846	471	5	197 143	54	SEE F.B. 1361-12
						108						108	
3	126	928	427	5	154 98	56	172	058	473	5	200 144	56	
						164						164	
4	170	409	471	5	199 141	58	83	549	384	5	112 54	58	
						222						222	
5	261	748	562	5	291 231	60	57	831	358	5	87 27	60	T = PETERSON
						282						282	
6	254	665	555	5	254 226	56	65	770	366	5	92 38	54	
						338						336	
7	241	495	542	5	270 212	58	57	912	358	5	85 29	56	
						396						392	
8	158	274	459	5	163 153	10	139	578	440	5	146 132	14	
						406						406	
B.M. 40-5A												406	B.M. 40-5A (L.A.CO.F.C.D 82-105)
	1556	676					878	279				812	FOOTHILL BLVD. & E. OF HACIENDA AVE.
	878	279											SEE F.B. 1361-182
	+678	397											

T = 90

WEATHER HAZY SUN INST. NO. 96716

TIME 2:45 TO 3:20 ROD NO. 95896

NOTES CHKD dm DATE SEP 20 '71

JOB NO. 0301.02

F.B. 4119 PG. 60

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 8-31-71

INDEXED W. J. GALLI DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 40-6 TO BM 40-6A
BM 40-6													BM 40-6 (Sec. Con 29, 28, 32, 33)
					176						185		Foothill Blvd. & ~~W.~~ of Valley Center
1	148	458	449	5	120	56	155	505	456	5	125	60	Ave. ~~@ Fl. Control Channel N.E. Cor.~~
							148	458				56	See F.B. 1361-12
							7	047				116	
													⊼ - D. Peterson
BM 40-6A													BM 40-6A
													Foothill Blvd @ Fl. Cont. Channel
													W. of Valley Center Ave. N.E. Cor.
													See F.B. 3718-135

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 8-27-71

INDEXED E. J. GALLI DATE SEP 16 '71

WEATHER Hazy Sun

TIME 9:25 to 9:30

NOTES CHKD LM

INST. NO 96716

ROD NO 95896

DATE SEP 20 '71

T-82°

F.B. 4119 PG. 61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 40-6A TO B.M. 40-6
B.M. 40-6A													B.M. 40-6A
1	148	956	1 449	5	178 118	60	141	847	442	5	170 110	60	FOOTHILL BLVD. & VALLEY CENTE AVE
												60	SEE F.B. 3718-135
B.M. 40-6	141	847											T = PETERSON
	+7	109										120	B.M. 40-6
													FOOTHILL BLVD. & VALLEY CENTE AVE.
													SEE F.B. 1361-12

T = 880

WEATHER HAZY SUN INST. NO. 96716

TIME 2:40 TO 2:45 ROD NO. 95896

NOTES CHKD. AM DATE SEP 20 71

F.B. 4119 PG. 62 JOB NO. 0301 .02

SURVEY OF L.A. CO. PECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 8-31-71

INDEXED J. GALLI DATE

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-92°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 8-27-71
INDEXED J. GALLI DATE SEP 16 71
WEATHER Hazy Sun INST. NO 96716
TIME 10:25 to ROD NO. 95896
NOTES CHKD LM DATE SEP 20 71
F.B. 4119 PG. 63

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 40-6A TO BM 40-7
BM 40-6A					121						262		BM 40-6A
1	85	866	386	5	49	72	227	446	528	5	192	70	Foothill Blvd. @ Fl. Cont. Channel
					104						253		W. of Valley Center Ave. N.E. Cor
2	60	276	361	5	16	88	208	237	509	5	163	90	See F.B. 3718-135
						160					298	160	
					105								
3	58	182	359	5	11	94	252	534	553	5	206	92	
						254					286	252	X-D. Peterson
					109								
4	79	975	380	5	49	60	255	900	556	5	224	62	
					152	314					240	314	
5	138	806	439	5	124	28	224	363	525	5	208	32	
						342						346	
												342	
	423	105					1168	480				688	
							423	105					
							745	375					
BM 40-7													BM 40-7 (¼ Cor. Sec. 29 Sec. 32) Foothill Blvd. & Loraine Ave. ℄ Int. See F.B. 1361-13

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 40-7 TO BM 40-6A
BM 40-7													BM 40-7 (½ Cor Sec 29, Sec 32)
1	229	335	530	5	254 204	50	92	989	393	5	118 66	52	Foothill Blvd & LORAINE
													See F.B. 1361-13
2	215	128	516	5	243 187	56	84	248	385	5	113 55	58	
						106						110	
3	209	280	510	5	235 183	52	83	197	384	5	112 54	58	
						158						168	
4	203	981	504	5	231 175	56	143	196	444	5	166 120	46	
						214						214	π = D. PETERSON
5	209	105	510	5	240 178	62	57	430	358	5	87 27	60	
						276						274	
6	208	619	509	5	236 180	56	83	161	384	5	111 55	56	
						332						330	
7	140	522	441	5	145 135	10	126	340	427	5	132 120	12	
						342						342	
BM 40-6A												342	B.M. 40-6A
	415	970					670	561				684	FOOTHILL BLVD. & F.C. CHANEL
	670	561											W. OF VALLEY CENTER AVE.
	+745	409											SEE F.B. 3718-135

T = 88

WEATHER SMOGGY INST. NO. 96716

TIME 2:00 TO ROD NO. 95896

NOTES CHKD LM DATE SEP 20 '71

F.B. 4119 PG. 64 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES SIEMANN 8-31-71

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 8-27-71 WEATHER Hazy Sun INST. NO. 96716
INDEXED E. J. GALLI DATE SEP 16 '71 TIME 11:10 to 11:40 ROD NO. 25896
NOTES CHKD CM DATE SEP 20 '71
F.B. 4119 PG. 65

T-94"

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 40-7 TO BM 40-8
BM 40-7					124						280		BM 40-7 (1/4 Cor. Sec. 29, Sec. 32)
1	86	900	387	5	48	76	243	718	544	5	206	74	Foothill Blvd & Lorraine Ave. E Int
					81½						301½		See F.B. 1361-13
2	32	517	333	5	32½	98	301	000	602	5	255½	92	
						174						166	
					68½						304		
3	28	447	329	5	28½	80	260	219	561	5	216	88	
						254					293	254	K-Siemann
					86½								
4	32	723	333	5	32½	108	241	261	542	5	189	104	
					97	362					267	358	
5	59	262	360	5	21	76	230	105	531	5	193	74	
					202	438					97	432	
6	185	584	486	5	168	34	75	351	376	5	53	44	
						472						476	
												472	
	+ 425	433				−	1351	654				948	
							425	433					
BM 40-8							926	221					BM 40-8
													Foothill Blvd & Live Oak Ave N.E. Cor
													See F.B. 1361-14

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Do not extend notes this side of this line.

F.B. 4119 PG. 66 | JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Preier NOTES PETERSON 8-31-71

INDEXED J. GALLI DATE

WEATHER Sunny INST. NO. 96716

TIME 1:20 ROD NO. 95591

NOTES CHKD. dm DATE 20

T- 88°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 40-8 TO BM 40-7
BM 40-8													BM-40-8
1	171	273	472	5	197 / 145	52	101	329	402	5	126 / 76	50	Foothill Blvd & Live Oak
													See F.B. 1361-14
2	212	118	513	5	244 / 180	64 / 116	93	671	394	5	125 / 61	64 / 114	
3	233	444	534	5	263 / 203	60 / 176	82	229	383	5	128 / 50	64 / 178	T - SIEMANN
4	232	731	533	5	262 / 202	60 / 236	72	831	373	5	100 / 44	56 / 134	
5	278	872	579	5	278 / 239	78 / 314	56	700	357	5	96 / 16	80 / 314	
~~BM 40-7~~	236	300	537	5	268 / 204	64 / 378	91	680	392	5	123 / 59	64 / 378	
BM 40-7	180	962	481	5	192 / 168	24 / 402	120	781	421	5	132 / 108	24 / 402	BM 40-7
												402 / 804	Foothill Blvd & Live Oak
							619	224					See F.B. 1361-14
	1545	700											
	619	221											
	+926	479											

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=94°
SURVEY BY G.E. DREIER
NOTES BY D. Peterson DATE 8-27-71 TIME 11:40 to 12:15 WEATHER Smoggy INST. NO. 96716
INDEXED J. GALLI DATE SEP 16 71 NOTES CHKD LM DATE SEP 20 71 ROD NO. 25 & 96
F.B. 4119 PG. 67

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM BM 40-8 TO BM 40-8A
B.M. 40-8											B.M. 40-8
1	65	290	366	5	92 38 54	214	159	515	5	242 186 56	FOOTHILL BLVD. & LIVE OAK AVE.
											SEE F.B. 1361-14
2	22	251	323	5	163 ½ 22 82 136	295	889	596	5	1295 ½ 258 74 130	
3	25	500	326	5	25 ½ 65 80 216	283	371	584	5	241 ½ 83 88 219	↑ R. SIEMANN
4	7	338	308	5	7 ½ 47 80 296	265	932	566	5	235 305 80 294	
5	7	240	308	5	7 ½ 49 84 380	274	590	575	5	½ 234 80 374	
6	9	320	310	5	49 ½ 9 70 450	297	872	598	5	297 ½ 262 70 444	
7	84	489	305	5	97 71 26 476	152	770	453	5	168 136 32 476	
										476	
B.M. 40-8A										952	BM-40-8A
	+221	488 2				−1784	583 2				Foothill Blvd & Glendora
						221	488				See F.B. 1361-15
						−1563	185 5				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM 40-8A TO 40-8
BM 40-8A													BM-40-8A (USGS 361-1923)
1	161	430	462	5	174 / 148	26	54 / 98	736	399	5	111 / 85	26	Foothill Blvd & Glendora
													See F.B. 1361-15
2	251	201	552	5	276 / 226	50 / 76	59	690	360	5	85 / 33	52 / 78	
3	289	520	590	5	1289 / 2258	62 / 138	69	105	370	5	100 / 38	62 / 140	⊼ = SIEMANN
4	264	530	565	5	1264 / 2234	60 / 198	43	179	344	5	72 / 14	58 / 198	
5	254	220	555	5	285 / 223	62 / 260	84	279	385	5	115 / 53	62 / 260	
6	271	354	572	5	302 / 240	62 / 322	67	650	368	5	97 / 37	60 / 320	
7	262	350	563	5	1262 / 2231	62 / 384	46	877	347	5	77 / 15	62 / 382	
8	269	333	570	5	299 / 237	60 / 444	90	820	391	5	119 / 61	58 / 440	
BM 40-8 9	192	519	493	5	208 / 176	32 / 476	93	050	394	5	110 / 76	34 / 474	
	16											476	
	22~~26~~	457					653	386				950	BM 40-8
	653	386											Foothill Blvd & Live Oak
	+ 15~~70~~	071											See F.B. 1361-14
	63												

F.B. 4119 PG. 68 JOB NO. 0301.02 T= 84

SURVEY OF ~~G.E. DREIER~~ LA. Co. PRECISE LEVELNET WEATHER INST. NO. 9671

SURVEY BY DREIER NOTES D. Peterson 8-31-71 TIME 11:35 ROD NO. 9589

INDEXED J. GALLI DATE NOTES CHKD dm DATE 20'

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreyer

NOTES BY D. Peterson DATE 8-27-71

INDEXED [illegible] J. GAIN DATE SEP 16 71

WEATHER Smoggy INST. NO. 96716

TIME 1:40 ROD NO. 95496

NOTES CHKD DM DATE SEP 20 71

F.B. 4119 PG. 69

Tz 96

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 40-8A TO B.M. 40-9
B.M. 40-8A													BM-40-8A (USGS S61-1923)
1	116	212	417	5	124 / 108	16	186	3 418	487	5	194 / 178	16	Foothill Blud & Glendora Ave
													See F.B. 1361-15
2	22	808	323	5	1 50 / 2 22	64	299	973	600	5	1 299 / 2 267	64 / 80	
					69 / 15	80 / 54							⊼ = Miyahira
3	42 ~~299~~	422 ~~973~~	343 ~~600~~	5	~~299~~ ~~267~~	~~134~~ 134	286	143	587	5	1 286 / 2 259	54 / 134	
4	10	087	311	5	1 38 / 2 10	56 / 190	293	256	594	5	1 293 / 2 265	56 / 190	
5	40	665	341	5	66 / 14	52 / 242	284	868	585	5	1 284 / 2 258	52 / 242	
6	45	075	346	5	70 / 20	50 / 292	239	217	540	5	267 / 211	56 / 298	
7	38	910	339	5	76 / 0	76 / 368	257	560	558	5	292 / 222	70 / 368	
												368	
												336	
BM-40-9	316	179					1847	435					BM-40-9
							316	179					Foothill Blud & Grand Ave
							-1531	256					See F.B. 1361-16

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F.B. 4119 PG. 70 JOB NO. 8301.02

SURVEY OF G.P. DREER L.A.Co. PRECISE LEVEL NET

SURVEY BY DREER NOTES D. Peterson 8-31-71

INDEXED J. GALI! DATE

INST. NO. 96-1711 ROD NO. 96-1711 DATE SEP 20 1971

WEATHER Hazy TIME 11:15 AM NOTES CHKD

T= 84

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM 40-09 TO 40-8A
BM 40-9													BM-40-9
1	222	100	523	5	288 206	32	122	900	423	5	139 105	34	Foothill Blvd & Grand
													See F.B. 1361-16
2	~~234~~ ~~233~~	~~933~~ ~~535~~	535	5	265 203	62 94	66	591	367	5	96 36	60 94	
3	277	811	578	5	307 247	60 154	13	455	314	5	142 83	58 152	T= Miyahira
4	291	725	592	5	291 262	58 212	46	300	347	5	126 66	60 212	
5	301	015	602	5	307 275	52 264	7	290	308	5	133 27	52 264	
6	266	048	567	5	291 241	50 314	33	930	334	5	58 8	50 314	
7	252	903	553	5	279 225	54 368	32	270	333	5	57 7	50 364	
BM 40-8A	160	943	461	5	164 156	8 376	153	650	454	5	159 147	12 376 376 752	BM 40-8A
													Foothill Blvd & Glendora
													See F.B. 1361-15
	2007	478					476	386					
	476	386											
	+ 1531	892											

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM 40-9 TO 40-10
M 40-9	103	677	404	5	119 / 87	32	273	075	574	5	289 / 257	32	BM- 40-9 Foothill Blvd & Grand Ave
2	76	930	377	5	101 / 51	50 / 82	260	282	561	5	286 / 234	52 / 84	See F.B 1361 Pg. 16
3	14	933	315	5	1/2 45 / 14	62 / 144	260	406	561	5	292 / 228	64 / 148	⊼ - Miyahira
4	54	300	355	5	84 / 24	60 / 204	241	010	542	5	269 / 213	56 / 204	
5	57	980	358	5	86 / 28	58 / 262	245	713	546	5	274 / 216	58 / 262	
6	54	227	355	5	83 / 25	58 / 320	249	344	550	5	278 / 220	58 / 320	
7	43	483	344	5	76 / 10	66 / 386	258	465	559	5	290 / 226	64 / 384	
8	119	852	420	5	130 / 108	22 / 408	229	693	530	5	241 / 217	24 / 408	
												408 / 816	
BM 40-10	525	382					2017	988					BM - 40-10 Foothill Blvd & Barranca Ave See F.B. 1361-17
							525	382					
							-1492	606					
							-1492	606					

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 96
SURVEY BY G.E. Dozer WEATHER Smoggy INST. NO 96716
NOTES BY D. Peterson DATE 8-27-71 TIME 2:20 ROD NO. 95-96
INDEXED E. J. GAIN DATE SEP 16 71 NOTES CHKD LM DATE SEP 20 71

F.B. 4119 PG. 71

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM 40-10 TO 40-09
BM-40-10													BM-40-10
1	260	346	561	5	286 234	52	78	517	379	5	108 48	60	Foothill Blvd. & Barranca
													See F.B. 1361-17
2	255	998	556	5	286 224	62	51	023	352	5	78 24	54	
						114						114	
3	260	433	561	5	291 229	62	47	415	348	5	78 16	62	⊼ = Miyahira
						176						176	
4	233	273	534	5	254 212	42	70	050	371	5	91 49	42	
						218						218	
5	259	500	560	5	290 228	62	46	093	347	5	77 15	62	
						280						280	
6	272	588	573	5	305 239	66	43	550	344	5	75 11	64	
						346						344	
7	242	800	543	5	265 219	46	4	264	305	5	126 24	44	
						392						388	
BM 40-9	177	865	478		186 168	18	129	435	430		140 118	22	
						410						410	
	1962	803					470	347				410	
	470	347										820	BM 40-9
	+1492	456											Foothill Blvd & Grand Ave
													See F.B. 1361-16

F.B. 4119 PG. 72 JOB NO. 0301.02 T = 82

SURVEY OF G.E. DREIER L.A.Co. PRECISE LEVEL NET WEATHER Hazy INST. NO. 96716

SURVEY BY DREIER NOTES D. Peterson 8-31-71 TIME 9:55 ROD NO. 95096

INDEXED C. J. GALLI DATE 8-31-71 NOTES CHKD LM DATE 2-0-71

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-102
SURVEY BY G.E. Dreier
NOTES BY D. Peterson DATE 8-27-71 WEATHER
INDEXED [illegible] I GALLI DATE SEP 16 '71 TIME 3:00 TO 3:25 NOTES CHKD LM DATE SEP 20 '71
INST. NO 96716 ROD NO. 95-2
F.B. 4119 PG. 73

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM 40-10 TO 40-11
BM-40-10	136	232	437	5	153 119	34	239	700	540	5	255 223	32	BM-40-10
													Foothill Blvd & Barranca Ave
2	52	956	353	5	73 31	42 76	227	346	528	5	249 205	44 76	See F.B. 1361-17
3	62	730	363	5	88 36	52 128	235	990	536	5	260 210	50 126	T - Miyahira
4	69	715	370	5	95 43	52 180	245	800	546	5	272 218	54 180	
5	54	300	355	5	89 19	70 250	157	030	458	5	197 123	68 248	
6	160	044	461	5	185 135	50 300	117	668	418	5	141 93	48 ~~346~~ 396	
7	182	570	483	5	217 147	70 370	130	603	431	5	166 94	72 ~~328~~ 468	
8	149	163	450	5	167 131	36 406	155	880	456	5	174 136	38 406	
												406	
	867	710					1510	017				812	
							867	710					
B.M40-11							642	307					B.M. 40-11
													FOOTHILL BLVD. & CITRUS AVE
													SEE F.B. 1361-18

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 40-11 TO 40-10
BM-40-11													BM-40-11
1	147	181	448	5	179 / 115	64	136	575	437	5	168 / 104	64	Foothill Blud & Citrus Ave
													See F.B. 1361-18
2	113	303	414	5	144 / 82	62 / 126	179	490	480	5	210 / 148	62 / 126	
													π- Miyahira
3	111	460	412	5	141 / 81	60 / 186	144	983	445	5	173 / 115	58 / 184	
4	214	473	515	5	245 / 183	62 / 248	56	215	357	5	88 / 24	64 / 248	
5	260	600	561	5	292 / 228	64 / 312	45	420	346	5	77 / 13	64 / 312	
6	236	347	537	5	261 / 211	50 / 362	37	833	338	5	63 / 11	52 / 364	
BM 40-10	249	152	550		270 / 228	42 / 404	89	908	390	5	109 / 69	40 / 404	
	1332	516					690	424				404 / 808	BM-40-10
	690	424											Foothill Blud & BARRANCA
	+642	092											See F.B. 1361-17

T = 76°

F.B. 4119 PG. 74

JOB NO. 0301.02

SURVEY OF G.E. DREIER L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES D. Peterson

INDEXED J. J. GALLI DATE 8-31-71

WEATHER Hazy

TIME 9:10

NOTES CHKD DM

INST. NO. 9271

ROD NO. 2592

DATE SEP 20 '71

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 8-30-71
INDEXED J. GALLI DATE SEP 16 71
WEATHER HAZE 86°
TIME 8:55 TO 9:00
NOTES CHKD DM DATE SEP 20 71
INST. NO 26716
ROD NO 25496
F.B. 4119 PG. 75

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 40-11 TO B.M. 40-11A
M. 40-11													BM-40-11
													Foothill Blvd & Citrus Ave
1	186	253	487	5	190 182	8	171	600	472	5	175 167	8	See F.B. 1361-18
												8	
	171	600										16	T D. PETERSON
M. 40-11A	+ 14	653											B.M. 40-11A
													FOOTHILL BLVD. & CITRUS AVE
													SEE F.B. 1361-18

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 40-11A TO B.M. 40-11
B.M. 40-11A													B.M. 40-11A
1	163	911	464	5	166 160	6	178	596	479	5	181 175	6	FOOTHILL BLVD. & CITRUS AVE
												6	SEE F.B. 1361-21 & 18
												12	
							163	911					π = PETERSON
B.M. 40-11													B.M. 40-11
							14	685					CITRUS AVE & FOOTHILL BLVD,
													SEE F.B. 1361-18

T = 76°

WEATHER HAZY SUN INST. NO. 96716

TIME 9:05 TO 9:10 ROD NO. 95-896

NOTES CHKD [illegible] DATE 20 [illegible]

F.B. 4119 PG. 76 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 8-31-71

INDEXED [illegible] J. GALLI DATE

P526B CE # 308 8/68

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Do not extend notes this side of this line.

TATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 40-11A TO B.M. 40-11B
1.40-11A													B.M. 40-11A
1	79	622	380	5	90 68	22	239	659	540	5	250 228	22	FOOTHILL BLVD. & CITRUS AVE
													SEE F.B. 1361-21
2	12	815	313	5	24 ½ 0	24	258	543	559	5	274 242	32	
						46						54	
3	23	485	324	5	42 4	38	275	961	576	5	292 258	34	⊼ D. PETERSON
						84						88	
4	41	431	342	5	58 24	34	191	383	492	5	206 176	30	
						118						118	
n. 40-11B												118	B.M. 40-11B
	137	353					965	546				236	~~FOOTHIL~~ CITRUS AVE & FOOTHILL BLVD,
							157	353					TO W. N.E. COR.
													SEE F.B. 3718-151
							808	293					

OB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=79°
URVEY BY G.E. DREIER WEATHER HAZE INST. NO. 96716
OTES BY G.E. DREIER DATE 8-30-71 TIME 9:00 ROD NO. 95 & 96
NDEXED J. GALLI DATE SEP 16 71 NOTES CHKD LM DATE SEP 20 71

F.B. 4119 PG. 77

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F.B. 4119 PG. 28 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DEEIER NOTES SIEMANN 8-31-71

INDEXED J. GALI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 8:50 TO 9:05 ROD NO. 75591

NOTES CHKD. AM DATE SEP 20 '71

T = 74°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 40-11B TO BM. 40-11A
B.M. 40-11B													B.M. 40-11B
1	218	763	519	5	236 200	36	23	824	324	5	40 4	36	CITRUS AVE. & FOOTHILL BLVD.
													SEE F.B. 3718-151
2	238	740	539	5	249 227	22	67	075	368	5	78 56	22	
						58						58	
3	233	811	534	5	246 220	26	67	632	368	5	80 54	26	
						84						84	T = PETERSON
4	261	784	562	5	271 251	20	66	355	367	5	76 56	20	
						104						104	
5	218	048	519	5	224 212	12	137	972	438	5	143 131	12	
						116						116	
BM. 40-11A												116	B.M. 40-11A
	171	146					362	858				232	FOOTHILL BLVD. & CITRUS AVE.
	362	858											SEE F.B. 1361-21
	+808	288											

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T=80°

F.B. 4119 PG. 79

SURVEY BY DREIER WEATHER HAZE INST. NO 96716

NOTES BY DREIER DATE 8-30-71 TIME 9:25 TO 9:30 ROD NO. 95 & 96

INDEXED W. J. GALLI DATE SEP 16 '71 NOTES CHKD. LM DATE SEP 20 '71

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 40-11B TO B.M. 40-12A
B.M. 40-11B									B.M. 40-11B (CITRUS No. 1) N.E. Co.
									CITRUS AVE & FOOTHILL BLVD. (TO W.)
1	78	514	377 5	94 62 32	199	752	500 5	215 183 32	SEE F.B. 3718-151
					78	514		32	
									⊼ D. PETERSON
					121	238		64	
B.M. 40-12A									B.M. 40-12A
									CITRUS AVE & FOOTHILL BLVD. (TO W.) ℄ INT.
									SEE F.B. 1361-184 3

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

INST. NO. 96716
ROD NO. 95896
DATE SEP 20 [redacted]

WEATHER Haze
TIME 310
NOTES CHKD AM

90°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 40-12A TO B.M. 40-11B
B.M. 40-12A													B.M. 40-12A
													CITRUS AVE. & FOOTHILL BLVD. TO W. &
1	196	456	497	5	213 / 179	34	75	290	376	5	92 / 58	34	SEE F.B. 1361-183
	75	290										34	
	+121	166										68	
B.M. 40-11B													B.M. 40-11B (CITRUS NO. 1)
													CITRUS AVE & FOOTHILL BLVD. TO W.
													SEE F.B. 3718-151

F.B. 4119 Pg. 80
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 8-30-71
INDEXED [redacted] J. GALLI DATE
JOB NO. 0301.02

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 40-12A TO B.M. 40-12C
M.40-12A													B.M. 40-12A
1	119	908	420	5	149 / 89	60	174	333	475	5	204 / 144	60	CITRUS AVE & FOOTHILL BLVD (TO. W.) ℄ INT.
													SEE F.B. 1361-18~~4~~3
2	155	748	456	5	174 / 136	38	104	073	405	5	124 / 84	40	
						98						100	T.D. PETERSON (? MAY BE 1)
M.40-12C												98	B.M. 40-12C (F.C. B.M 084-02700)
	275	656					278	406				198	CITRUS AVE & F.C. CHANNEL S. OF FOOTHILL
							275	656					SEE F.B. 3718-155
							- 2	750					

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=80°

SURVEY BY G.E. DREIER WEATHER HAZE INST. NO 96716

NOTES BY G.E. DREIER DATE 8-30-71 TIME 9:30 TO 9:35 ROD NO. 95 & 96

INDEXED J. GALLI DATE SEP 16 71 NOTES CHKD LM DATE SEP 20 71

F.B. 4119 PG. 81

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 40-12C TO B.M. 40-12A
B.M. 40-12C													B.M. 40-12C (F.C.B.M. 084-02700)
1	106	212	407	5	131 81	50	162	807	463	5	187 137	50	CITRUS AVE & F.C. CHANNEL S. OF FOOTHILL BLVD
2	173	462	474	5	199 147	52	114	130	415	5	140 90	50	SEE F.B. 3718-155
					102						100		D. PETERSON
B.M. 40-12A									0		102		B.M. 40-12A
	279	674					276	937			202		CITRUS AVE & FOOTHILL BLVD. TO W. & INT.
	276	937											SEE F.B. 1361-183
	+ 2	737											

F.B. 4119 PG. 82 JOB NO. 030102

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-30-71

INDEXED E. J. GALLI DATE

WEATHER HAZE

TIME 2:55 TO

NOTES CHKD AM

90°

INST. NO. 96716

ROD NO. 95896

DATE SEP 20 '71

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 40-12C TO B.M. 40-12B
B.M. 40-12C									B.M. 40-12C (F.C.B.M. 084-02700)
1	47	863	348 5	87 7 80	207	698	508 5	248 166 82	CITRUS AVE & F.C. CHANNEL S. OF FOOTHILL BLVD.
									SEE F.B. 3718-155
2	114	436	415 5	144 84 60	180	673	481 5	209 151 58	
				140				140	
3	115	467	418 5	133 101 32	143	050	444 5	159 127 32	
				172				172	
								172	B.M. 40-12B
B.M. 40-12B	279	766			531	421		344	CITRUS AVE & ALOSTA AVE, S.W. COR
					279	766			SEE F.B. 1361-184
					251	655			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 79°
SURVEY BY G.E. DREIER WEATHER HAZE INST. NO 96716
NOTES BY G.E. DREIER DATE 8-30-71 TIME 9:35 TO ROD NO 95 & 96
INDEXED J. GALLI DATE 16 71 NOTES CHKD LM DATE 20 71

F.B. 4119 PG. 83

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 40-12B TO B.M. 40-12C
B.M. 40-12B													B.M. 40-12B
1	171	740	472	5	200 142	58	125	229	426	155 95	155 95 ~~60~~	60	CITRUS AVE & ALOSTA AVE, S.W. COR
													SEE F.B. 1361-183
2	193	309	494	5	222 164	58	117	919	418	5	145 87	58	
						116						118	⊼ D. PETERSON
3	190	668	491	5	218 162	56	60	829	361	5	87 33	54	
						172						172	
												172	
B.M. 40-12C	555	717					303	977				344	B.M. 40-12C (F.C. B.M. 084-02700)
	303	977											CITRUS AVE & F.C. CHANNEL S. OF
													FOOTHILL BLVD.
	+251	740											SEE F.B. 3718-155

F.B. 4119 PG. 84 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 8-30-71

INDEXED J. J. GALLI DATE

WEATHER SMOGY INST. NO. 96716

TIME 2:30 TO 2:55 ROD NO. 95 & 96

NOTES CHKD LM DATE SEP 20

90°

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=80°
SURVEY BY G.E. DREIER WEATHER HAZE INST. No 96716
NOTES BY G.E. DREIER DATE 8-30-71 TIME 10:05 TO 10:40 ROD No 95 & 96
INDEXED [redacted] J. GALLI DATE [redacted] 16 71 NOTES CHKD LM DATE SEP 20 71
F.B. 4119 PG. 85

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM.40-12B TO BM. 40-13B
M.40-12B													B.M.40-12B
1	98	673	399	5	131 65	66	189	488	490	5	222 156	66	CITRUS AVE & ALOSTA AVE, S.W. COR,
													SEE F.B. 1361-183
2	116	505	417	5	147 85	62	194	317	495	5	225 163	62	
						128						128	
3	116	342	417	5	144 88	56	191	319	492	5	218 164	54	T D. PETERSON
						184						182	
4	117	256	418	5	146 88	58	192	845	493	5	222 162	60	
						242						242	
5	104	219	405	5	137 71	66	199	042	500	5	231 167	64	
						308	967	207				306	
6	96	072	397	5	139 51	88	236	867	537	5	282 190	92	
						396						398	
												396	
	649	067					1203	878				794	
M.40-13B							649	067					B.M.40-13B
													CITRUS AVE & BASELINE RD. & INT.
							554	807					SEE F.B. 3718-159
								1N					

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM. 40-13B TO BM. 40-12B
B.M. 40-13B									B.M. 40-13B
1	210	592	511 5	234 186 48	113	212	414 5	142 84 58	CITRUS AVE & BASELINE RD
									SEE F.B 3718-159
2	195	369	496 5	225 165 60	126	643	427 5	152 100 52	
				108				110	
3	199	681	500 5	228 170 58	111	016	412 5	138 84 54	⊼ D. PETERSON
				166				164	
4	189	934	490 5	218 160 58	141	970	442 5	172 112 60	
				224				224	
5	214	795	515 5	247 181 66	125	681	426 5	156 94 62	
				290				286	
6	207	092	508 5	239 175 64	105	420	406 5	138 72 66	
				354				352	
7	179	377	480 5	200 158 42	118	618	419 5	144 92 52	
				396				404	
B.M. 40-12B								396	B.M. 40-12B
	1396	840			842	560		800	CITRUS AVE & ALOSTA AVE.
	842	560							SEE F.B. 1361-183
	+554	280							

F.B. 4119 PG. 86 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 8-30-71

INDEXED J. J. GALLI DATE

TC 90

WEATHER SMOGY INST. NO. 96716

TIME 1:00 TO ROD NO. 95896

NOTES CHKD KM DATE SEP 20 '71

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 9-2-71 WEATHER HAZY SUN INST. NO. 96716
INDEXED J. GALLI DATE SEP 16 '71 TIME 8:20 TO 8:55 ROD NO. 95896
NOTES CHKD DATE SEP 20 '71
T= 70°
F.B. 4119 PG. 87

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 40-12B TO B.M. 40-13B
M. 40-12B													B.M. 40-12B
1	107	742	408	5	137 77	60	193	474	494	5	225 161	64	CITRUS AVE. & ALOSTA AVE.
													SEE F.B. 1361-183
2	103	263	404	5	146 60	86	210	604	511	5	253 167	86	
						146						150	RERUN
3	94	297	395	5	137 51	86	204	881	505	5	248 160	88	
						232						238	T = PETERSON
4	91	065	392	5	131 51	80	200	344	501	5	236 164	72	
						312						310	
5	93	588	394	5	136 50	86	235	402	536	5	278 190	88	
						398						398	
M. 40-13B												398	B.M. 40-13B
	489955						1044705					796	CITRUS AVE. & BASELINE RD. & INT.
							489955						SEE F.B. 3718-159
							-554750						

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 40-13B TO B.M. 40-12B
B.M. 40-13B									B.M. 40-13B
1	241	040	542 5	285 197 88	96 ~~97~~	967 ~~117~~	397 5	138 54 84	CITRUS AVE. & BASELINE RD.
									SEE F.B. 3718 - 159
2	189	042	490 5	232 146 86	67	351	368 5	111 23 88	
				174				172	RERUN
3	208	313	509 5	259 157 102	77	000	378 5	128 26 102	
				276				274	T = D. PETERSON
4	203	600	504 5	247 159 88	88	828	389 5	133 43 90	
				364				364	
5	177	000	478 5	195 159 36	134	167	435 5	152 116 36	
				400				400	
B.M. 40-12B								400	B.M. 40-12B
	1018	995			464	313		800	CITRUS AVE. & ALOSTA AVE.
	464	313							SEE F.B. 1361 - 183
	554	682							

T = 70°

F.B. 4119 PG. 88 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DEEIER NOTES SIEMANN 8-2-71

INDEXED J. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 9:00 TO 9:30 ROD NO. 95 & 96

NOTES CHKD. JM DATE 20

76P526B CE # 308 8/68

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=88
SURVEY BY G.E. DREIER
NOTES BY D. PETERSON DATE 8-30-71
INDEXED T. J. GALLI DATE SEP 16 71
WEATHER HAZE
TIME 10:40 to 11:15
NOTES CHKD. RM
INST. NO. 96716
ROD NO. 95 & 96
DATE SEP 20 71
F.B. 4119 PG. 89

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 40-13B TO B.M. 11-29A
B.M. 40-13B													B.M. 40-13B
1	160	670	461	5	198 / 122	76	181	800	482	5	220 / 142	78	CITRUS AVE & BASELINE RD. & INT.
													SEE F.B. 3718-159
2	99	554	400	5	144 / 54	90 / 166	212	990	513	5	256 / 168	88 / 166	
3	133	243	434	5	165 / 101	64 / 230	184	521	485	5	216 / 152	64 / 230	⊼ G.E. DREIER
4	131	761	432	5	168 / 94	74 / 304	188	477	489	5	227 / 149	78 / 308	
5	134	460	435	5	163 / 105	58 / 362	175	285	476	5	203 / 147	56 / 364	
6	133	740	434	5	156 / 110	46 / 408	232	581	533	5	254 / 210	44 / 408	
												408 / 816	
B.M. 11-29A													B.M. 40-29A
	793	428					1175	654					Gladstone & Citrus Ave
							793	428					12.14 N. of ℄
							382	226					See F.B. 3710-69

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-29A TO BM 40-13B
BM 11-29A													
1	244	275	545	5	273 / 215	58	130	075	431	5	160 / 100	60	BM-11-29A (GLENDORA B-11, 1956)
													Citrus & Gladstone
2	181	471	482	5	214 / 148	66	136	978	437	5	168 / 104	64	12.14' N. of ℄
						124						124	See F.B. 3710-69
3	184	245	485	5	221 / 147	74	130	471	431	5	167 / 93	74	
						198						198	⊼ = Dreier
4	205	128	506	5	246 / 164	82	124	198	425	5	168 / 80	88	
						280						286	
5	175	430	476	5	203 / 147	56	137	725	438	5	166 / 108	58	
						336						344	
6	215	917	516	5	249 / 181	68	164	382	465	5	195 / 133	62	
						404						406	
												404	
BM-40-13B	1206	466					823	829				810	BM 40-13B
	823	829											Citrus Ave & Baseline Rd. ℄ int.
	382	637											See F.B 3718-159

F.B. 4119 PG. 90

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Dreier NOTES D. Peterson 8-30-71

INDEXED J. J. GALLI DATE

T = 88'

WEATHER Hazy

TIME 11:40

NOTES CHKD LM

INST. NO. 96716

ROD NO. 95896

DATE 20 '71

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0304-02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY D. Dreier / D. Peterson DATE 9-2-71 WEATHER Hazy 82°
NOTES BY TIME 10:30 TO 10:46 INST. NO. 96716
INDEXED J. GALLI DATE SEP 16 71 NOTES CHKD LM DATE SEP 20 71 ROD NO. 95896
F.B. 4119 PG. 91

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													From BM 11-29A To BM 40-13B
BM11-29A													BM-11-29A (Glendora B-11,56)
1	254	820	555	5	297 / 211	86	147	427	348	5	190 / 104	86	Citrus & Gladstone
													1214' N. & Int.
2	212	932	513	5	299 / 175	74 / 160	134	589	435	5	177 / 91	86 / 172	See F.B. 3710-69
3	187	653	488	5	221 / 153	68 / 228	160	722	461	5	188 / 132	56 / 228	RERUN
4	221	982	522	5	259 / 183	76 / 304	119	078	420	5	137 / 81	76 / 304	T-DREIER
5	166	416	467	5	199 / 133	66 / 370	98	550	399	5	130 / 66	64 / 368	
6													
BM 40-13B	174	391	475	5	199 / 159	40 / 410	175	221	476	5	196 / 154	42 / 410 / 410 / 820	BM 40-13B
	1218	194					835	587					Citrus Ave & Baseline & Int.
	835	587											See F.B. 3718-159
	+38-2607												

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 40-13B TO BM 11-29A
BM 40-13B													BM 40-13B
1	165	005	466	5	195 / 135	60	182	162	483	5	212 / 152	60	Citrus & Baseline ℄ Int
													See F.B. 3718-159
2	134	425	435	5	167 / 101	66 / 126	206	009	507	5	240 / 172	68 / 128	
3	122	463	423	5	155 / 89	66 / 196	188	573	489	5	220 / 156	64 / 192	
4	133	666	434	5	168 / 98	70 / 262	190	582	491	5	227 / 153	74 / 266	
5	133	475	434	5	166 / 100	66 / 328	184	011	485	5	213 / 153	62 / 328	
6	134	075	435	5	173 / 95	78 / 406	254	140	555	5	293 / 215	78 / 406	
BM 11-29A	823	109					1505	477				406 / 812	BM 11-29A
							823	109					Citrus & Gladstone
							482	368					12.14' N. ℄
													See F.B. 3710-69

F.B. 4119 PG. 92 JOB NO. 0301.02

SURVEY OF ~~DREIER~~ L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES D. Peterson

INDEXED C. J. GALLI DATE 9-2-71

T-84

WEATHER Hazy INST. NO. 96716

TIME 11:40 TO 11:10 ROD NO. 95 & 9

NOTES CHKD LM DATE SEP 20 '71

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 90°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 9-7-71
INDEXED J. GALLI DATE SEP 16 '71
WEATHER HAZE
TIME 2:00 PM
NOTES CHKD JM
INST. NO 96716
ROD NO 96 & 96
DATE SEP 20 '71
F.B. 4119 PG. 93

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 40-13B TO B.M. 11-29A
B.M. 40-13B									B.M. 40-13B
1	158	893	459 5	192 / 124 68	197	539	498 5	228 / 165 64	CITRUS AVE & BASELINE RD, ℄ INT.
									SEE F.B. 3718-159
2	128	199	429 5	170 / 86 84	206	729	507 5	251 / 161 90	
				152				154	
3	121	920	422 5	157 / 85 72	183	496	484 5	218 / 148 70	2nd RERUN
				224				224	R. SIEMANN
4	128	970	429 5	163 / 93 70	181	760	482 5	214 / 148 66	
				294				290	
5	132	105	433 5	168 / 96 72	185	678	486 5	224 / 146 78	
				366				368	
6	131	811	432 5	152 / 110 42	229	200	530 5	249 / 209 40	
				408				408	
B.M. 11-29A								408	B.M. 11-29A (GLENDORA B-11 1956)
	801	898			1184	402		816	CITRUS AVE & GLADSTONE ST.
					801	898			SEE F.B. 3710-169
					382	504			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 11-29A TO BM 40-13B
BM 11-29A									B.M. 11-29A (GLENDORA B-11 1956)
1	242	421	543.5	272 / 212 / 60	125	715	426.5	158 / 92 / 66	CITRUS AVE & GLADSTONE ST
									SEE F.B. 3710-69
2	185	121	486.5	220 / 150 / 70	138	650	439.5	174 / 102 / 72	
				130				138	
3	179	475	480.5	215 / 143 / 72	129	081	430.5	159 / 99 / 60	
				202				198	2nd RERUN
4	188	319	489.5	223 / 153 / 70	112	123	413.5	150 / 74 / 76	R. SIEMANN
				272				274	
5	187	930	488.5	222 / 152 / 70	119	878	420.5	155 / 83 / 72	
				342				346	
6	191	109	492.5	223 / 159 / 64	166	459	467.5	196 / 136 / 60	
				406				406	
BM 40-13B								406	B.M. 40-13B
	1174	375			791	906		812	CITRUS AVE & BASELINE RD.
	791	906							SEE F.B. 3718-159
	+382	469							

F.B. 4119 PG. 94

SURVEY OF L.A. CO. PRECISE LEVELNET

SURVEY BY DREIER NOTES DREIER 9-7-7

INDEXED J. J. GALLI DATE

JOB NO. 0301.02

WEATHER HAZE 90°

TIME

NOTES CHKD LM

INST. NO. 96716

ROD NO. 95896

DATE 20 '7

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-29A TO B.M. 11-29B
M. 11-29A													
1	203	443	504	5	209 / 197	12	194	166	495	5	200 / 188	12	BM 11-29A (GLENDORA B-11, 1956)
												12	Citrus & Gladstone ~~Ave~~ St.
	194	166										24	12.14 N ℄ Int
	+ 9	277											See F.B. 3710-69
													⊼ G.E. DREIER
B.M. 11-29B													B.M. 11-29B
													CITRUS AVE & GLADSTONE ST., ℄ INT
													SEE F.B. 3710-69

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Dreier
NOTES BY D. Peterson DATE 8-30-71
INDEXED T. J. GALLI DATE SEP 16 71
WEATHER Hazy T=80°
TIME 11:30
NOTES CHKD. FM
INST. NO 96716
ROD NO 95896
DATE SEP 20 71

F.B. 4119 PG. 95

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-29B TO B.M. 11-29A
B.M. 11-29B													
1	193	411	494		198 / 188	10	202	701	503	5	207 / 197	10	BM-11-29B
							193	411				10	Gladstone & Citrus ℄ Int
												20	See F.B. 3710-69
							09	290					
B.M. 11-29A													B.M. 11-29A (GLENDORA B-11, 1956)
													GLADSTONE ST. & CITRUS AVE
													SEE F.B. 3710-69

F.B. 4119 PG. 96 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DIELER NOTES D. Peterson 8-30-71

INDEXED C. J. GALLI DATE

T=80

WEATHER Hazy INST. NO. 96716

TIME 11:25 ROD NO. 95896

NOTES CHKD LM DATE 8-20

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-29B TO BM 11-30
BM-11-29B													
1	192	302	493	5	197 / 187	10	170	375	471	5	175 / 165	10	BM 11-29B
	170	375										10	Citrus & Gladstone ~~Ave~~ ST.
												20	See F.B. 3710-69
	+21	927											T GEDREIER
M.11-30													B.M. 11-30 (U.S.C.&G.S. CITRUS 1923)
													CITRUS AVE & GLADSTONE ST
													SEE F.B. 1376-30

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Dreier
NOTES BY D. Peterson DATE 8-30-71
INDEXED J GALLI DATE SEP 16 71
WEATHER Hazy
TIME 11:25
NOTES CHKD. [illegible]
INST. NO. 96716
ROD NO. 95 & 96
DATE SEP 20 71
T=80
F.B. 4119 PG. 97

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 11-30 TO BM 11-29B
B.M. 11-30													
1	168	732	469	5	173 / 163	10	190	668	491	5	195 / 185	10	BM-11-30 (USGS
												10	Gladstone & Citrus
							168	732					65.4 East ℄
							21	936				20	See F.B. 1376-30
B.M. 11-29B													BM. 11-29B
													CITRUS AVE & GLADSTONE ST, ℄ INT.
													SEE F.B. 3710-69

F.B. 4119 PG. 98

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES D. Peterson 8-30-71

INDEXED J. J. GALL DATE

WEATHER Hazy INST. NO. 96716

TIME 11:15 ROD NO. 95896

NOTES CHKD LM DATE SEP 20

T=80

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET	F. B. 4119 PG. 109
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by G.E. DREIER	
Checked	Notes Date SEPT 1971	
Date	Indexed T. M. PALMERI SEP 21 '71	

JOB NO 0301.02

L.A.Co. PRECISE LEVEL NET

LINE NO. 15, SEPT. 1971 RELEVELING

DESCRIPTION REFERENCES

F.B. 1380

F.B. 2888

F.B. 3709

DREIER

(MALDONADO
GOBLE)

SIEMANN

(MCKNIGHT
MIYAHIRA)

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76F3095 CE#310 3-68

ROUTE SKETCH, LINE 15

F. B. 4119 PG 110

SEPT. 1971 RELEVELING

HUNTINGTON DR.

B.M. 11-9A
F.B. 3710-27

B.M. 11-10A
F.B. 2880-15

MYRTLE AVE.

DUARTE RD.

CAMINO REAL

B.M. 15-8A
F.B. 3709-209

B.M. 15-7
F.B. 1380-13

LONGDEN AVE

B.M. 15-6B
F.B. 3709-205

LIVE OAK AVE

B.M. 15-6A
F.B. 3709-203

PECK ROAD

B.M. 15-5B
F.B. 3709-202

B.M. 15-5A
F.B. 3709-201

MCBEAN DR.

B.M. 15-4C
F.B. 3709-199

CHERRYLEE DR.

B.M. 15-4B
F.B. 3709-199

B.M. 15-4A
F.B. 3709-197

LOWER AZUSA RD.

B.M. 15-4D
F.B. 3709-196

B.M. 15-4
F.B. 3709-195

LAMBERT AVE.

B.M. 15-3A
F.B. 2888-8

FOREST GROVE ST.

B.M. 15-2A
F.B. 2888-7

B.M. 15-1
F.B. 1380-6

VALLEY BLVD.

B.M. 12-5A
F.B. 3709-104

B.M. 12-5
F.B. 3709-103

GARVEY AVE.

B.M. 12-4
F.B. 1379-8

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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 80°
SURVEY BY G.E. DREIER WEATHER HAZE INST. NO 96716
NOTES BY G.E. DREIER DATE 9-8-71 TIME 8:00 ROD NO 95096
INDEXED T. M. PALMERI DATE SEP 21 '71 NOTES CHKD DATE
F.B. 4119 PG. 111

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	157	642	4585	159 155 4	179	379	480 5	206 152 54	54M- 4M= 50M=0.20mm
2	159	293	4605	161 157 4	137	525	4385	164 110 54	54M- 4 M= 50 M=0.20 mm
	316	935		8	316	904		108	
	316	864				0.40 mm			
	+	0.71 mm			-0.	mm		-8	Curvature Corr.=0.40 mm
					316	864		100	
					-				
	+ 0.007 mm= "C"								
	100	0.71 mm							
							mm= "C"		

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 76°

SURVEY BY G.E. DREIER DATE 9-16-71 WEATHER HAZE INST. NO. 96716

NOTES BY G.E. DREIER DATE 9-16-71 TIME 8:10 ROD NO. 25896

INDEXED T. M. PALMERI DATE SEP 21 71 NOTES CHKD. DATE

F.B. 4119 PG. 113

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	158	702	459 5	160 156 4	136	929	437 5	163 109 54	54M- 4M= 50M=0.20 mm
2	160	806	461 5	162 158 4	182	591	483 5	209 155 54	M- M= M=0.20mm
	319	508		8	319	520		108	
	319	480				0.40 mm			
	+	0.28 mm.			~~-0.~~	~~mm~~		-8	Curvature Corr.=0.40 mm
					319	480		100	
					-				

+ 0.003 mm= "C"

100 / 0.28 mm

mm= "C"

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G E DREIER
NOTES BY A GOBLE DATE 9-13-71 WEATHER HAZY
INDEXED T. M. PALMERI DATE 9 21 71 TIME 845
NOTES CHKD. DATE
F.B. 4119 PG. 115
INST. NO. 96711
ROD NO. 95896

90

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	147	733	448 5	149 / 145 4	126	057	427 5	153 / 99 54	54 M - 4 M = 50 M = 0.20 MM
2	150	423	451 5	152 / 148 4	171	972	472 5	198 / 144 54	54 M - 4 M = 50 M = 0.20 MM
	298	156		8	298	029		108	
	297	989			-	040	MM	- 8	CURVATURE CORR. = 0.40 MM
		1.67 mm.			297	989		100	

+ .0167 MM = "C"
100) 1.67

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.F. Dreier
NOTES BY Maldonado DATE 9-14-71
INDEXED T. M. PALMERI DATE SEP 21 71
WEATHER Sunny & Calm
TIME 8:30
NOTES CHKD
DATE
INST. NO. 96716
ROD NO. 95896
T-82°
F.B. 4119 PG. 117

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				Determination of "C"					
			NEAR Rod				Far Rod		
1	158	181	459 5	160 / 156 4	149	495	450 5	176 / 122 54	54 M - 4 M = 50 = 0.20 mm
2	156	151	457 5	158 / 154 4	164	700	465 5	191 / 137 54	54 M - 4 M = 50 = 0.20 mm
				8				108	
	314	332			314	195		8	Curv. Corr. = 0.40 mm
	314	155				0.40 mm		100	
		1.77 mm			314	155			

+ .017 mm = "C"

100) 1.770
100
770

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	146	797	447 5	148 144 4	152	417	453 5	179 125 54	54 M- 4 M= 50 M=0.20 mm
2	152	062	453 5	154 150 4	146	338	447 5	173 119 34	54 M- 4 M= 50 M=0.20 mm
	298	859		8	298	755		108	
	298	715				0.40 mm		8	
	+	1.44 mm			~~0.040 mm~~			8	Curvature Corr.=0.40 mm
					298	715		100	
	+	.0144 mm= "C"							
	100 / 1.44								
							mm= "C"		

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY Gobel DATE 9-15-71
INDEXED T. M. PALMERI DATE SEP 21 71
WEATHER HAZY
TIME 8.25
NOTES CHKD
DATE
INST. NO. 96716
ROD NO. 95296
F.B. 4119 PG. 119
T-74

76P526B-CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G E DREIER
NOTES BY MIYAHIRA DATE 8 AUGUST 1971
INDEXED T M PALMERI DATE SEP 21 71
WEATHER HAZY & ~~GALM~~ INST. NO. 96716
TIME 10:30 CALM ROD NO. 95896
NOTES CHKD LM DATE SEP 20 71
F.B. 4119 PG. 121
T = 92

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 12-4 TO BM 12-5
BM 12-4													BM 12-4
1	196	067	497	5	220 / 172	48	105	408	406	5	130 / 80	50	VALLEY Blvd. W. OF S.G. RIVER
													SEE F.B. 1379-8
2	184	688	485	5	215 / 153	62	124	487	425	5	155 / 93	62	
						110						112	
3	124	771	425	5	162 / 86	76	163	957	464	5	200 / 126	74	
						186						186	⊼ GOBLE
4	137	340	438	5	175 / 99	76	180	815	481	5	216 / 144	72	
						262						258	
5	148	170	449	5	185 / 111	74	162	602	463	5	200 / 124	76	
						336						334	
6	151	635	452	5	184 / 118	66	168	158	469	5	202 / 134	68	
						402						402	
7	149	707	450	5	176 / 122	54	191	201	492	5	218 / 164	54	
	343	32				456	323	23				456	
BM 12-5												456	BM 12-5
	1092	378					1096	628				912	VALLEY BLVD. & GARVEY AVE.
							1092	378					SEE F.B. 3709-103
							-4	250					

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	43	431			3	27			FROM BM 12-5 TO BM 12-4
BM 12-5				235				202	BM 12-5
1	199	858	500 5	163 72	167	285	468 5	132 70	Valley Blvd & Garvey Ave. & Int
				212				191 7	See F.B. 3709-103
2	176	532	477 5	140 72	154	335	455 5	117 84	
				205 144				175 144	
3	170	491	471 5	135 70	140	783	441 5	105 70	T-Goble
				211 214				181 214	
4	175	612	476 5	139 72	146	507	447 5	111 70	
				188 286				149 284	
5	160	341	461 5	132 56	123	082	424 5	97 52	
				183 342				279 336	
6	147	883	448 5	111 72	240	067	541 5	201 78	
				154 414				208 414	
7	132	981	433 5	110 44	187	882	488 5	166 42	
				458				456	
								458	
	1163	698			1159	941		914	
	1159	941							
	+03	757							
BM 12-4									BM 12-4
									Valley Blvd., W. of San Gabriel River near Rumford Ave. &
									See F.B. 1379-8

F.B. 4119 PG. 122 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 9-13-71

INDEXED T. M. PALMERI DATE

T-99°

WEATHER Hazy Sun INST. NO. 96716

TIME 10:55 to 11:25 ROD NO. 95 & 96

NOTES CHKD. LM DATE SEP 20 '71

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
	433	12					633	34					FROM BM 12-4 TO BM 12-5
M 12-4					239						126		BM 12-4
1	205	587	506	5	171	68	92	617	393	5	58	68	Valley Blvd, W. of San Gabriel
					223						221		River near Rumford Ave. ℄
2	188	500	489	5	153	70	186	197	487	5	151	70	See F.B
					189	138					199	138	
3	157	608	458	5	125	64	168	483	469	5	137	62	
					174	202					210	200	π-Goble
4	143	100	444	5	112	62	180	220	481	5	150	60	
					180	264					187	260	Re-Run
5	150	215	451	5	120	80	156	757	457	5	125	62	
					178	324					191	322	
6	146	603	447	5	114	64	160	372	461	5	129	62	
					173	388					179	384	
7	150	061	451	5	127	46	155	919	456	5	131	48	
					176	434					223	432	
8	162	501	463	5	148	28	207	018	508	5	191	32	
						462						464	
												462	
	1304	175					1307	583				920	
							1304	175					
							3	408					
BM 12-5													BM 12-5
													Valley Blvd. & Garvey Ave. near
													℄ Int.
													See F.B. 3709-903

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 9-13-71

INDEXED T. M. PALMERI DATE SEP 21 71

WEATHER Hazy Sun

TIME 11:45 to 12:15

NOTES CHKD AM DATE SEP 20 71

T-104 1104

F.B. 4119 PG. 123

INST. NO. 96716

ROD NO. 95696

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
	544	33					224	13					FROM BM 12-5 TO BM 12-4
BM 12-5					228						183		BM 12-5
1	198	235	499	5	168	60	153	942	454	5	123	60	Valley Blvd. & Garvey Ave, near
					189						190		& Int.
2	159	490	460	5	129	60	160	413	461	5	130	60	See F.B 3709-103
					199	120					173	120	
3	169	829	470	5	139	60	143	528	444	5	113	60	
					196	180					175	180	
4	166	765	467	5	136	60	145	908	446	5	115	60	π-Goble
					201	240					173	240	
5	170	828	471	5	139	62	142	818	443	5	111	62	Re-Run
					224	302					185	302	
6	190	~~23~~ 323	491	5	156	68	151	163	452	5	117	68	
					106	370					232	370	
7	75	122	376	5	44	62	201	011	502	5	170	62	
					165	432					193	432	
8	153	700	454	5	141	24	181	912	482	5	169	24	
						456						456	
												456	
	1284	342					1280	695				912	
	1280	695											
	+ 3	647											
BM 12-4													BM 12-4 Valley Blvd, W. of San Gabriel River near Rumford Ave. & See F.B.

T-106°

F.B. 4119 PG. 124 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 9-13-71

INDEXED T. M. PALMERI DATE

WEATHER Hazy Sun INST. NO. 96716

TIME 1:45 PM ROD NO. 85-693

NOTES CHKD LM DATE 20

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY GE DREIER
NOTES BY MIYAHIRA DATE 8 AUGUST 1971 WEATHER HAZY & CALM INST. NO. 96716
INDEXED T. M. PALMERI DATE SP 21 71 TIME 10:55 ROD NO. 95896
NOTES CHKD AM DATE SP 20 71

T-94 F.B. 4119 PG. 125

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 12-5 TO BM ~~15~~ 12-5A
BM 12-5													BM 12-5 VALLEY Blvd & GARVEY Ave & See FB 3709-103
1	189	137	490	5	200 178	22	167	022	468	5	178 156	22	T GOBLE
BM 12-5A	167 +22	022 115										22 44	BM 12-5 A VALLEY Blvd & GARVEY Ave NW Cor SEE F.B. 3709-104
					Re-Run								
	1:40 Hazy Sun Temp = 106° 9-13-71												
BM 12-5													BM 12-5
1	190 168 +22	491 228 263	491	5	201 179	22	168 ~~190~~	228 491 737	469	5	180 156	24 22 46	T-Goble
BM 12-5A													BM 12-5A

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 12-5A TO BM 12-5
BM 12-5A													BM 12-5A
					181						204		Valley Blvd. & Garvey Ave N.W.
1	166	192	467	5	15~~8~~	30	188	428	489	5	172	32	See F.B. 3709-104
							166	192				30	
							22	236				62	
													BM 12-5
BM 12-5													Valley Blvd. & Garvey Ave E
													See F.B. 3709-103

T-10

F.B. 4119 PG. 126 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 9-13-71

INDEXED T. M. PALMERI DATE

WEATHER INST. NO. 96716

TIME 1050 to 1055 ROD NO. 95896

NOTES CHKD LM DATE 9-20-71

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G E DREIER
NOTES BY MIYAHIRA DATE 8 AUGUST 1971 TIME 11:00 WEATHER HAZY & CALM INST. NO. 16711
INDEXED T. M. PALMERI DATE SEP 21 71 NOTES CHKD DATE SEP 20 71 ROD NO. 95496
F.B. 4119 PG. 127
T = 96

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 12-5A TO BM 15-1
M 12-5A													BM 12-5A
1	157	472	458	5	192 122	70	151	092	452	5	186 116	70	VALLEY Blvd & GARVEY Ave NW Cor
													See F.B. 3709-104
2	138	211	439	5	173 103	70	163	125	464	5	197 129	68	
						140						138	π GOBLE
3	149	011	450	5	182 116	66	160	787	461	5	193 127	66	
						206						204	
4	145	442	446	5	179 111	68	183	965	484	5	217 149	68	
						274						272	
5	123	282	424	5	157 89	68	161	830	462	5	195 127	68	
						342						340	
6	144	557	447	5	178 110	68	161	997	462	5	196 126	70	
						410						410	
7	145	588	446	5	181 109	72	159	868	460	5	193 125	68	
						482						478	
8	150	828	451	5	170 130	40	193	647	494	5	213 173	40	
	43	33				522						518	
												522	BM 15-1
M 15-1												1040	PECK Rd & VALLEY Blvd NE Cor.
	1154	391					1336	311					See F.B. 1380-6
							1154	391					
							-181	920					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	543	43			323	43			FROM BM 15-1 TO BM 12-5A
BM 15-1				224				201	BM 15-1
1	186	202	487 5	148 76	162	547	463 5	123 78	Peck Rd & Valley Blvd N.E.Co
				219				177	See F.B. 1380-6
2	185	075	486 5	151 68	142	445	443 5	107 70	
				174 144				157 148	
3	144	248	445 5	114 60	130	961	431 5	103 54	π-Goble
				200 204				157 202	
4	167	960	468 5	134 66	121	147	422 5	85 72	
				196 270				160 274	
5	161	068	462 5	126 70	129	239	428 5	94 66	
				194 340				181 340	
6	159	985	460 5	124 70	146	865	447 5	111 70	
				197 410				180 410	
7	159	417	460 5	121 76	143	171	444 5	106 74	
				173 486				182 484	
8	153	660	454 5	133 40	161	182	462 5	140 42	
				526				526	
								526	
	1317	615			1135	557		1052	
	1135	557							
	182	058							
BM 12-5A									BM 12-5A
									Valley Blvd. & Garvey Ave. N.W.C.
									See F.B. 3709-104

T-100'

WEATHER Hazy Sun INST. NO. 9671[illegible]

TIME 10:10 to 10:50 ROD NO. 95 E[illegible]

NOTES CHKD [illegible] DATE 20 [illegible]

F.B. 4119 PG. 128 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 9-13-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-98
SURVEY BY G. E. DREIER
NOTES BY GOBLE DATE SEPT 8, 1971
INDEXED T. M. PALMERI DATE SEP 21 71
WEATHER HAZY
TIME 1135 TO 12:15
NOTES CHKD. RM
F.B. 4119 PG. 129
INST. NO. 26716
ROD NO. 95696
DATE SEP 20 71

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 15-1 TO BM 15-2A
BM 15-1													BM 15-1
1	199	555	500	5	229 / 169	60	114	452	415	5	144 / 84	60	PECK RD & VALLEY BLVD, N.E. COR
													SEE F.B. 1380-6
2	188	375	489	5	220 / 156	64	76	000	377	5	109 / 43	66	
						124						126	
3	128	445	429	5	159 / 97	62	140	570	441	5	166 / 140	52	
						186						178	
4	170	340	471	5	201 / 139	62	124	085	425	5	155 / 93	62	
						248						240	
5	171	694	472	5	203 / 139	64	115	608	416	5	150 / 80	70	π MIYAHIRA
						312						310	
6	160	995	461	5	192 / 128	64	74	205	375	5	108 / 40	68	
						376						378	
7	181	912	482	5	212 / 150	62	156	930	457	5	187 / 125	62	
						438						440	
8	165	980	466	5	186 / 144	42	148	745	449	5	169 / 127	42	
						480						482	
												480	BM 15-2A
BM 15-2A													
	1367	296					950	595				962	PECK RD & FOREST GROVE ST, S.E. COR.
	950	595											SEE F.B. 2888-7
	+ 416	701											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 15-2A TO BM 15-7
BM 15-2A	23	22					3	43					BM 15-2A
1	151	267	452	5	177 125	52	167	188	468	5	192 142	50	PECK RD & FOREST GROVE ST.
													SEE F.B 2888-7 S.E. COR
2	142	139	443	5	181 103	78	213	782	514	5	253 173	80	
						130						130	
3	85	822	386	5	117 53	64	161	210	462	5	193 129	64	
						194						194	π MALDONADO
4	126	510	427	5	162 90	72	178	468	479	5	214 142	72	
						266						266	
5	125	301	426	5	158 92	66	157	751	458	5	190 124	66	
						332						332	
6	166	765	467	5	200 132	68	245	065	546	5	279 211	68	
						400						400	
7	120	783	421	5	161 79	82	211	936	512	5	252 170	82	
	918	587				482	1335	400				482	
BM 15-1							918	587				482	BM 15-1
							416	813				364	PECK RD & VALLEY BLVD
													SEE F.B 1380-6 S.E COR

T = 100

F.B. 4119 PG. 130 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES GOBLE 9-13-71

INDEXED T. M. PALMERI DATE

WEATHER HAZY & HOT INST. NO. 96716

TIME 9.30-10.05 ROD NO. 9589

NOTES CHKD AM DATE SEP 20 '71

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 9-8-71 WEATHER SMOGGY INST. NO. 96716
INDEXED T.M. PALMERI DATE SEP 21 71 NOTES CHKD. JM DATE SEP 20 71 TIME 1:35 TO 2:05 ROD NO. 95896
102°
F.B. 4119 PG. 131

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 15-2A TO BM 15-3A
M. 15-2A													B.M. 15-2A
1	185	880	486	5	216 154	62	104	210	405	5	137 71	66	PECK RD. & FOREST GROVE ST. AVE
													SEE F.B. 2888-7
2	164	032	465	5	189 139	50	103	680	404	5	127 79	48	
3	180	623	481	5	208 152	112 56	97	355	398	5	124 70	114 54	π T. MIYAHIRA
4	200	325	501	5	233 169	168 56	102	486	403	5	130 74	168 56	
5	205	220	506	5	237 173	224 64	105	162	406	5	137 73	224 64	
6	199	853	500	5	232 166	288 66	128	385	430	5	161 97	288 64	
7	168	735	469	5	184 152	354 32	140	513	441	5	155 125	352 39	
						386						382 386	
M.15-3A	1304	668					782	790				768	B.M. 15-3A
	782	790											PECK RD & LAMBERT AVE, S.E. OF
													SEE F.B. 2888-8
	+521	878											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 95 89 DATE 2 0 11

WEATHER HAZY TIME 8.55 NOTES CHKD LM

T 32

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 15-3A TO B.M. 15-2A
B.M. 15-3A	3	1 2					2						B.M. 15-3A
1	101	412	402	5	136 / 66	70	160	962	461	5	195 / 125	70	PECK RD. & LAMBERT AVE, S.W. COR
													SEE F.B. 2888-8
2	90	629	391	5	125 / 55	70 / 140	186	007	487	5	221 / 151	70 / 140	
3	71	170	372	5	106 / 36	70 / 210	208	421	509	5	244 / 172	72 / 212	T MALDONADO
4	95	915	336	5	129 / 61	68 / 278	173	990	474	5	206 / 140	66 / 278	
5	87	642	388	5	116 / 58	58 / 336	171	737	472	5	158 / 143	56 / 334	
6	124	603	425	5	148 / 100	48	192	128	403	5	217 / 167	50	
	571	371				384	093	245				384	
BM 15-2A	~~1093~~	~~245~~					~~571~~	~~371~~				384 / 768	BM 15-2A
	~~-8~~	~~126~~					-521	874					PECK RD & FOREST GROVE ST.
													SEE F.B. 2888-7

F.B. 4119 PG. 132 JOB NO. 0301.02

SURVEY OF LA. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES GOBLE 9-13-71

INDEXED L. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 101°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 8-8-71 WEATHER SMOGGY INST. NO 96716
INDEXED T. M. PALMERI DATE SEP 21 71 TIME 2:05 ROD NO 95&96
NOTES CHKD LM DATE SEP 20 71
F.B. 4119 PG. 133

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 15-3A TO B.M. 15-4
M.15-3A									B.M. 15-3A
1	177	895	478 5	212 142 70	133	895	434 5	170 96 74	PECK RD. & LAMBERT AVE, S.W. COR.
									SEE F.B. 2888-8
2	181	371	482 5	181 ½ 150 62	128	801	429 5	158 98 60	
				132				134	
3	184	785	485 5	215 153 62	144	159	445 5	174 114 60	
				194				194	
4	172	680	473 5	203 141 62	147	399	448 5	178 116 62	⊼ R. SIEMANN
				256				256	
5	165	980	466 5	196 134 62	145	493	446 5	177 113 64	
				318				320	
6	169	522	470 5	205 133 72	142	050	443 5	178 106 72	
				390				392	
7	168	762	469 5	202 134 68	129	250	430 5	162 96 66	
				458				458	
8	173	970	474 5	206 140 66	138	800	439 5	170 106 64	
				524				522	
9	168	719	469 5	172 164 8	194	289	495 5	198 190 8	
				532				530	
B.M. 15-4								532	B.M. 15-4
	1563	684			1304	136		1062	PECK RD. & LOWER AZUSA RD.
	1304	136							SEE F.B. 3709-195
	+259	548							

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 4119 PG. 134 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 9-10-71
INDEXED T. M. PALMERI DATE

WEATHER SMOGGY INST. NO. 26716
TIME 2:45 ROD NO. 25 & 26
NOTES CHKD AM DATE SEP 20 '71

100°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 15-4 TO BM. 15-3A
B.M. 15-4													B.M. 15-4
1	168	068	469	5	198 / 138	60	191	923	492	5	219 / 163	56	PECK RD. & LOWER AZUSA RD
													SEE F.B. 3709-195
2	153	999	454	5	190 / 116	74	177	628	478	5	214 / 140	74	
						134						130	
3	131	149	432	5	163 / 99	64	170	170	471	5	203 / 137	66	R. SIEMANN
						198						196	
4	150	380	451	5	180 / 120	60	151	738	452	5	180 / 122	58	
						258						254	
5	135	354	436	5	166 / 104	62	187	022	488	5	219 / 155	64	
						320						318	
6	149	362	450	5	185 / 113	72	185	330	486	5	221 / 149	72	
						392						390	
7	154	462	455	5	180 / 128	52	179	581	480	5	210 / 148	62	
						444						452	
8	133	382	434	5	158 / 108	50	167	760	468	5	188 / 146	42	
						494						494	
9	135	051	436	5	154 / 116	38	159	681	460	5	178 / 140	38	
						532						532	
B.M. 15-3A												532	B.M. 15-5A
	1311	207					1570	833				1064	PECK RD & LAMBERT RD.
							1311	207					SEE F.B. 2888-8
							-259	626					

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET 102°

F.B. 4119 PG. 135

SURVEY BY G.E. DREIER WEATHER SMOGGY INST. NO 96716

NOTES BY G.E. DREIER DATE 9-8-71 TIME 2:45 TO 2:50 ROD NO 95 & 96

INDEXED T. M. PALMERI DATE SEP 21 '71 NOTES CHKD. LM DATE SEP 20 '71

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 15-4 TO B.M. 15-4D
M.15-4									B.M. 15-4
1	202	402	503 5	211 190 21	158	280	459 5	169 147 22	PECK RD. & LOWER AZUSA RD
2	158	280						21	SEE F.B. 3709-195
	+ 44	122						43	
M.15-4D									B.M. 15-4D
									PECK RD & LOWER AZUSA RD, N.E. COR.
									SEE F.B. 3709-196

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 15-4D TO B.M. 15-4
B.M. 15-4D													B.M. 15-4D
													PECK RD. & LOWER AZUSA RD.
1	155	956	456	5	166 144	22	199	991	500	5	211 187	24	SEE F.B. 3709 - 196
							155	956				22	
B.M. 15-4							-44	035				46	B.M. 15-4
													PECK RD. & LOWER AZUSA
													SEE F.B. 3709-195

100

F.B. 4119 PG. 136 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-10-71

INDEXED T. M. PALMERI DATE

WEATHER SMOGGY INST. NO. 96716

TIME 2:20 ROD NO. 95 & 96

NOTES CHKD FM DATE SEP 2071

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 9-8-71 WEATHER SMOGGY INST. NO. 96716
NOTES BY G.E. DREIER TIME 2:50 ROD NO. 95 & 96
INDEXED T.M. PALMERI DATE SEP 21 71 NOTES CHKD RM DATE SEP 20 71
F.B. 4119 PG. 137

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 15-4D TO B.M. 15-4A
B.M. 15-4D													B.M. 15-4D
1	191	780	492	5	222 160	62	149	131	450	5	183 115	68	PECK RD. & LOWER AZUSA RD, N.E. COR.
													SEE F.B. 3709-196
2	206	959	507	5	236 176	60	154	136	455	5	181 127	54	
						122						122	
3	190	329	491	5	219 161	58	135	840	436	5	163 107	56	R. SIEMANN
						180						178	
4	170	860	471	5	197 143	54	122	290	423	5	149 95	54	
						234						232	
												234	
	759	928					561	397				466	
B.M. 15-4A	561	397											B.M. 15-4A
													PECK ROAD & CHERRYLEE DR. S.
	198	531											SEE F.B. 3709-197
			RERUN		9-13-71			2:55 P.M.			TEMP =	110°	SMOGGY
B.M. 15-4D													
1	197	542	498	5	197 168	74	104	912	405	5	143 65	78	
2	174	449	475	5	213 135	78	138	410	439	5	175 101	74	
						152						152	
3	178	560	479	5	206 150	56	139	578	440	5	168 110	58	
						208						210	
4	167	309	468	5	180 154	26	136	361	437	5	147 125	22	
						234						232	
												234	
B.M. 15-4A	717	860					519	261				466	
	519	261											
	198	599											

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 4119 PG. 138 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES DREIER 9-10-71
INDEXED T. M. PALMERI DATE
WEATHER SMOGGY INST. NO. 96716
TIME 2:00 ROD NO. 95 89
NOTES CHKD. TM DATE 20 71
101°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 15-4A TO B.M. 15-4D
B.M. 15-4A													B.M. 15-4A
1	134	644	435	5	169 134	70	196	718	497	5	196 168	76	PECK RD. & CHERRYLEE DR. S.E. COR.
													SEE F.B. 3709-197
2	138	161	439	5	170 106	64	198	802	499	5	228 198	60	
						134						136	↑ R. SIEMANN
3	148	739	449	5	180 116	64	186	232	487	5	218 154	64	
						198						200	
4	139	472	440	5	161 117	44	178	050	479	5	199 157	42	
						242						242	
5												242	
	561	016					759	802				484	
B.M. 15-4D							561	016					B.M. 15-4D
													PECK RD. & LOWER AZUSA RD, N.E. COR
							198	786					SEE F.B. 3709-196
B.M. 15-4A	RERUN		3:10		9-13-71		TEMP = 115°				SMOGGY		
1	133	030	434	5	160 133	54	182	831	483	5	209 155	54	
2	135	303	436	5	166 104	62	172	879	473	5	203 147	62	
						116						116	
3	128	413	429	5	163 93	70	190	311	491	5	225 155	70	
						186						186	
4	140	441	441	5	167 113	54	190	092	491	5	217 163	54	
						240						240	
B.M. 15-4D												246	
	537	187					736	113				480	
							537	187					
							198	926					

T-82°

F.B. 4119 PG. 139

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY G. E. Dreier WEATHER Sunny & Calm INST. NO. 96716

NOTES BY Maldonado DATE 9-14-71 TIME 8:40 to 8:55 ROD NO. 95 & 96

INDEXED T. M. PALMERI DATE SEP 21 '71 NOTES CHKD. LM DATE SEP 20 '71

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
				153				190	BM 15-4A
M15-4									
1	123	780	424 5	93 60	160	698	461 5	130 60	Peck Rd. & Cherry Lee Dr. S.E. Cor.
				157				235	See F.B. 3709-197
2	122	350	423 5	87 70	201	517	502 5	167 68	
				164 130				199 128	
3	135	242	436 5	106 58	169	300	470 5	139 60	
				156 188				205 188	π - Siemann
4	130	920	431 5	104 52	179	572	480 5	153 52	
				240				240	2nd Re-Run
								240	
								480	
	512	292			711	087			
					512	292			
					198	795			
M15-4D									BM 15-4D
									Peck Rd. & Lower Azusa Rd. NE Cor.
									See F.B. 3709-196

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 15-4D TO BM 15-4A
BM 15-4D					224						178		BM 15-4D
1	192	588	493	5	160	64	145	988	446	5	112	66	Peck Rd & Lower Azusa Rd NE Cor
					235						181		See F.B. 3709-196
2	204	920	505	5	173	62	151	848	452	5	121	60	
					234	126					140	126	
3	197	442	498	5	160	74	103	740	404	5	66	74	Π - Siemann
					155	200					150	200	
4	137	839	438	5	119	36	132	399	433	5	114	36	2nd Re-Run
						236						236	
												236	
	732	789					533	975				472	
	533	975											BM 15-4A
BM 15-4A	198	814											Peck Rd. & Cherrylee ~~Ave~~ Dr. S.E. Cor
													See F.B. 3709-197

T-88°

WEATHER Sunny & Calm INST. NO. 96716

TIME 9:05 to 9:20 ROD NO. 85 & 96

NOTES CHKD RM DATE SEP 20 '71

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 9-14-71

INDEXED T. M. PALMERI DATE

F.B. 4119 PG. 140

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 9-8-71 WEATHER SMOGGY INST. NO. 96716
NOTES BY G.E. DREIER TIME 3:10 ROD NO. 95 & 96
INDEXED T.M. PALMERI DATE SEP 21 71 NOTES CHKD DATE SEP 20 71
F.B. 4119 PG. 141

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM. 15-4A TO B.M. 15-4B
B.M.15-4A													B.M.15-4A
													PECK RD & CHERRYLEE DR. S.E. COR.
1	164	200	465	5	176 152	24	149	200	450	5	161 137	24	SEE F.B 3709-197
	149	200										24	
												48	R. SIEMANN
	+15	000											
B.M.15-4B													B.M.15-4B
													PECK RD. & CHERRLEE DR., S.W. COR FIRE LOT
													SEE F.B. 3709-199
		RERUN			9-10-71		1:55 P.M.		TEMP = 102°				SMOGGY
B.M.15-4A													
1	~~149~~	~~999~~											
	165	082	466	5	177 153	24	149	999	450	5	162 136	26	
	149	999										24	
B.M.15-4B	+15	083										50	

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 15-4B TO B.M. 15-4A
B.M. 15-4B									B.M. 15-4B
									PECK RD. & CHERRY LEE DR. S.W. COR. LOT FIRE
1	142	350	443 5	155 129 26	157	471	458 5	169 145 24	SEE F.B. 3709-199
					142	350		26	
								50	
B.M. 15-4A					-15	121			B.M. 15-4A
									PECK RD. & CHERRY LEE DR, S.E. COR
									SEE F.B. 3709-197
	RERUN 9-10-71 1:50 P.M. TEMP = 102° SMOGGY								
B.M. 15-4B									
1	146	280	447 5	159 133 26	161	400	462 5	173 149 24	
					146	280		26	
								50	
					-15	120			
B.M. 15-4A									

F.B. 4119 PG. 142 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-10-71

INDEXED T. M. PALMERI DATE

WEATHER SMOGGY INST. NO. 96716

TIME 1:50 ROD NO. 95896

NOTES CHKD LM DATE SEP 20 '71

102°

76°

F.B. 4119 PG. 143

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER WEATHER HAZE INST. NO. 96716

NOTES BY G.E. DREIER DATE 9-10-71 TIME 8:15 ROD NO. 95 & 96

INDEXED T. M. PALMERI DATE SEP 21 '71 NOTES CHKD. FM DATE SEP 20 '71

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 15-4B TO B.M. 15-4C
M. 15-4B									B.M. 15-4B
1	167	710	468 5	174 160 14	147	307	448 5	154 140 14	PECK RD. & CHERRY LEE DR., S.W. COR. FIRE LOT
								14	SEE F.B. 3709-199
	147	304						28	⊼ R. SIEMANN
	20	406							
M. 15-4C									B.M. 15-4C
									PECK RD. & CHERRYLEE DR. N.W. COR. FIRE LOT
									SEE F.B. 3709-199

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.15-4C TO B.M.15-4B
B.M.15-4C									B.M. 15-4C
1	~~199~~	~~141~~	~~500~~ 5	~~235~~ ~~163~~ ~~72~~					PECK RD. & CHERRYLEE DR., N.W. COR. FIRE
	148	940	449 5	155 141 14	169	346	470 5	176 162 14	SEE F.B. 3709-199
					148	940		14	
					-20	406		28	
B.M.15-4B									B.M. 15-4B Lo
									PECK RD. & CHERRYLEE DR. S.W. COR. FI
									SEE F.B. 3709-199

F.B. 4119 PG. 144 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-10-71

INDEXED T. M. PALMERI DATE

102°

WEATHER SMOGGY INST. NO. 9676

TIME 1:45 ROD NO. 9589

NOTES CHKD JM DATE SEP 20 71

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 9-14-71
INDEXED T. M. PALMERI DATE SEP 21 '71
NOTES CHKD DATE SEP 20 '71
WEATHER HAZE 77° TIME 8:20
INST. NO. 96216
ROD NO. 85896
F.B. 4119 PG. 45

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 15-4C TO B.M. 15-5A
B.M. 15-4C									B.M. 15-4C
1	167	530	468	5	123	149	424	5	PECK RD. & CHERRY LEE DR., N.W. COR. FIRE LOT
				206 128 78				162 84 78	SEE F.B. 3709-199
2	191	982	492	5	123	495	424	5	
				227 155 72				160 86 74	
3	183	950	484	5	245	849	546	5	⊼ R. SIEMANN
				150 221 145 76				152 283 207 76	
4	58	249	359	5	189	200	490	5	
				226 87 29 58				328 218 160 58	
				284				286	
B.M. 15-5A								284	B.M. 15-5A
	601	711			681	693		570	PECK RD. & McBEAN DR. &
					601	711			SEE F.B. 3709-201
					- 79	982			
				Re-Run					
	9-14-71	9:30 to 9:45		Temp.: 88°					
B.M. 15-4C									
1	164	302	465	5	129	248	430	5	
				196 132 64				162 96 66	
2	185	729	486	5	141	925	442	5	Re-Run
				219 151 68				174 108 66	
3	221	910	522	5	173	360	474	5	NOTES BY MALDONADO
				253 132 189 64				204 142 62	
4	95	040	396	5	270	405	571	5	
				125 196 65 60				299 241 58	
5	133	490	434	5	165	359	466	5	
				148 256 118 30 286				182 148 34	
								286 286 572	
B.M. 15-5A	800	471			880	297			
					800	471			
					- 79	826			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M.15-5A TO B.M.15-4C
BM.15-5A													B.M.15-5A
1	199	141	500	5	235 163	72	21	573	322	5	156 221	70	PECK RD. & McBEAN DR. ℄
													SEE F.B. 3709-201
2	184	199	485	5	217 151	66	189	330	490	5	222 156	66	
						138						136	
3	117	840	418	5	148 86	62	180	593	481	5	210 150	60	⊼ R. SIEMANN
						200						196	
4	143	656	444	5	169 117	52	163	321	464	5	190 136	54	
						252						250	
5	148	371	449	5	166 130	36	158	685	459	5	177 139	38	
						288						288	
B.M.15-4C												288	B.M.15-4C
	793	207					713	502				576	PECK RD. & CHERRYLEE DR.
	713	502											N.W. Cor. of Fire Sta. Lot.
	+79	705											See F.B. 3709-199
					Re-Run								
	9-14-71		10:20 to		10:40		T: 96°				Hazy Sun		
BM 15-5A													
1	207	102	508	5	241 173	68	49	178	350	5	79 19	60	
	~~244~~	~~981~~	~~545~~		275	62							
2	244	981	545	5	213	~~58~~	184	997	485	5	215 153	62	RERUN
						130						122	NOTES BY MALDONADO
3	129	151	430	5	158 100	58	218	782	519	5	247 187	60	
						188						182	
4	166	425	467	5	195 137	58	226	642	527	5	258 194	64	
						246						246	
5	166	119	467	5	186 146	40	154	440	455	5	174 134	40	
	913	778				286	834	039				286	
BM 15-4C	834	039					~~913~~	~~778~~				~~286~~	
	+79	739					~~20~~	~~261~~				~~568~~ 572	

F.B. 4119 PG. 146 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 9-10-71

INDEXED T. M. PALMERI DATE

104 WEATHER SMOGGY INST. NO. 96716

TIME ROD NO. 95896

NOTES CHKD DM DATE SEP 20 '71

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 9-10-71
INDEXED T. M. PALMERI DATE SEP 21 71
NOTES CHKD. JM DATE SEP 20 71
WEATHER HAZY SUN INST. NO. 96716
TIME 8:55 TO 9:25 ROD NO. 25 & 96
T = 78°
F.B. 4119 PG. 47

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 15-5A TO B.M. 15-~~64~~ 5B
.M. 15-5A													B.M. 15-5A
1	198	862	499	5	230 166	64	147	318	448	5	179 115	64	PECK RD. & MC BEAN DR.
													SEE F.B. 3709-201
2	208	198	509	5	247 169	78	145	594	446	5	184 106	78	
						142						142	
3	210	435	511	5	249 171	78	138	418	439	5	178 98	80	
						220						222	
4	203	200	504	5	238 168	70	150	812	451	5	185 115	70	T = DREIER
						290						292	
5	225	302	526	5	261 189	72	164	793	465	5	201 127	74	
						362						366	
6	185	768	486	5	209 161	48	180	332	481	5	202 158	44	
						410						410	
												410	B.M. 15-5B (F.C. B.M. 67-75)
M. 15-5B												820	PECK RD. & CHANNEL S. OF LIVE OAK
	231	765					927	267					SEE F.B. 3709.202
	927	267											
+	304	498											
			RERUN				9-14-71		9:45 TO 10:16				T = 90°
													B.M. 15-5A
.M. 15-5A													
1	185	555	486	5	218 152	66	116	215	417	5	149 83	66	
2	187	228	488	5	217 157	60	146	945	447	5	177 115	62	
						126						128	RERUN
3	189	246	490	5	217 161	66	146	078	447	5	174 118	66	T = DREIER
						192						194	
4	199	764	500	5	229 169	60	155	552	456	5	184 126	58	
						252						252	
5	216	603	517	5	258 174	84	108	838	409	5	150 66	84	
	978	390				336	673	628				336	
	673	628										336	
B.M. 15-5B	304	768										672	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 15-5B TO B.M. 15-5A
B.M. 15-5B													B.M. 15-5B (F.C. B.M. 67-75)
1	103	742	404	5	145 61	84	210	585	511	5	252 168	84	PECK RD. & F.C. CHANNEL S. OF LWE
													OAK AVE. SEE F.B. 3709-202
2	127	730	428	5	163 93	70	186	184	487	5	186 153	66	
						154						150	
3	129	930	430	5	164 94	70	188	527	489	5	223 153	70	
						224						220	T = DREIER
4	137	800	438	5	165 109	56	180	511	481	5	211 149	62	
						280						282	
5	143	270	444	5	165 121	44	181	445	482	5	202 160	42	
						324						324	
B.M. 15-5A												324	B.M. 15-5A
	642	472					947	252				648	PECK RD. & McBEAN DR.
							642	472					SEE F.B. 3709-201
						-	304	780					

T = 96°

WEATHER HAZY SUN INST. NO 96716

TIME 11:20 TO 12:00 ROD NO 95896

NOTES CHKD [illegible] DATE SEP 20 [illegible]

F.B. 4119 PG. 148 JOB NO 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-10-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=84°
SURVEY BY G.E. DREIER WEATHER HAZY INST. NO 92716
NOTES BY SIEMANN DATE 9-10-71 TIME 9:25 70 9:40 ROD NO 86886
INDEXED T. M. PALMERI DATE SEP 21 71 NOTES CHKD DATE SEP 20 71
F.B. 4119 PG. 149

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 15-5B TO B.M. 15-6A
M. 15-5B													B.M. 15-5B (F.C. B.M. 67-75)
1	168	732	469	5	201 135	66	153	741	454	5	182 120	66	PECK RD. & F.C. CHANNEL S. OF LIVE OAK
													SEE F.B. 3709-202
2	202	923	503	5	236 168	68	143	660	444	5	178 108	70	
						134						136	
3	236	698	537	5	271 201	70	121	632	422	5	153 89	64	
						204						200	T DREIER
4	233	003	534	5	267 199	68	108	865	409	5	143 73	70	
						272						270	
5	236	857	537	5	258 214	44	83	704	384	5	107 59	46	
						316						316	
M. 15-6A												316	B.M. 15-6A (F.C. B.M. 67-76)
	1078	213					611	602				632	PECK RD. & LIVE OAK AVE.
	611	602											SEE F.B. 3709-203
+	466	611											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 15-6A TO BM. 15-5B
B.M. 15-6A													B.M. 15-6A (F.C. B.M. 67-76)
1	96	170	397	5	123 69	54	261	685	562	5	288 234	54	PECK RD. & LIVE OAK AVE.
													SEE F.B. 3709-203
2	118	679	419	5	150 86	64	216	618	517	5	248 184	64	
						118						118	
3	99	820	400	5	133 65	68	233	509	534	5	267 199	68	
						186						186	T = DREIER
4	154	187	455	5	185 123	62	206	590	507	5	238 174	64	
						248						250	
5	151	578	452	5	185 117	68	168	520	469	5	202 134	68	
						316						318	
B.M. 15-5B												316	B.M. 15-5B (F.C. B.M. 67-75)
	620	434					1086	922				634	PECK RD. & F.C. CHANNEL S. OF
							620	434					LIVE OAK AVE.
						-	466	488					SEE F.B. 3709-202

T = 94°

F.B. 4119 PG. 150 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-10-71

INDEXED T. M. PALMERI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 11:20 TO 11:40 ROD NO. 9509

NOTES CHKD DM DATE SEP 20 71

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 15-6A TO B.M. 15-6B
M.15-6A									B.M. 15-6A (F.C. B.M. 67-76)
1	157	139	458 5	189 125 64	129	844	430 5	161 97 64	PECK RD. & LIVE OAK AVE.
									SEE F.B. 3709-203
2	193	375	494 5	223 163 60	146	050	447 5	177 115 62	
				124				126	π = DREIER
3	191	488	492 5	212 170 42	132	780	433 5	152 112 40	
				166				166	
M.15-6B								166	B.M. 15-6B (LACoFCD. 067-0056.5)
	542	002			408	674		332	MYRTLE AVE. & LONGDEN AVE.
	408	674							SEE F.B. 3709-205
+	133	328							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 9-10-71

INDEXED T. M. PALMERI DATE SEP 21 71

WEATHER HAZY SUN INST. NO. 96716

TIME 9:40 TO 9:55 ROD NO. 75896

NOTES CHKD AM DATE SEP 20 71

T = 86°

F.B. 4119 PG 51

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 15-6B TO B.M. 15-6A
B.M. 15-6B													B.M. 15-6B (L.A.C.F.C.D. 067-0056.5)
1	140	575	441	5	160 120	40	193	319	494	5	213 173	40	MYRTLE AVE. & LONGDEN AVE.
													SEE F.B. 3709-205
2	136	083	437	5	169 103	66	219	488	520	5	254 184	70	
						106						110	π = DREIER
3	136	522	437	5	169 103	66	133	677	434	5	165 107	62	
						172						172	
B.M. 15-6A												172	B.M. 15-6A (F.C.B.M. 67-76)
	413	180					546	484				344	PECK RD. & LIVE OAK AVE.
							413	180					SEE F.B. 3709-203
						-	133	304					

T = 94°

WEATHER HAZY SUN INST. NO. 96716

TIME 11:05 TO 11:15 ROD NO. 95896

NOTES CHKD JM DATE SEP 20 71

F.B. 4119 PG. 152 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-10-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=88°
SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO 76716
NOTES BY SIEMANN DATE 9-10-71 TIME 10:00 TO 10:30 ROD NO 95196
INDEXED T. M. PALMERI DATE SEP 21 71 NOTES CHKD TM DATE SEP 20 71
F.B. 4119 PG. 153

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 15-6B TO B.M. 15-7
M. 15-6B.													B.M. 15-6B (L.A.C.F.C.D. 067-0056-5)
1	160	573	461	5	186 134	52	149	042	450	5	175 123	52	MYRTLE AVE. & LONGDEN AVE.
													SEE F.B. 3709-205
2	160	908	461	5	190 130	60	110	363	411	5	140 80	60	
						112						112	
3	202	448	503	5	237 167	70	95	742	396	5	130 60	70	
						182						182	
4	196	815	497	5	226 166	60	84	197	385	5	114 54	60	
						242						242	T = GOBLE
5	202	525	503	5	238 166	72	73	182	374	5	111 35	76	
						314						318	
6	223	003	524	5	257 189	68	137	142	438	5	172 102	70	
						382						388	
7	258	989	559	5	299 217	82	138	270	439	5	176 100	76	
						464						464	
8	181	639	482	5	199 163	36	130	682	431	5	149 111	38	
						500						502	
M. 15-7												500	B.M. 15-7
	1586	900					918	620				1002	PECK RD. & CAMINO REAL
	918	620											SEE F.B. 1380-13
	+668	280											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 15-7 TO B.M. 15-6B
B.M. 15-7									B.M. 15-7
1	130	728	431 5	149 111 38	179	292	480 5	198 160 38	PECK RD. & CAMINO REAL
									SEE F.B. 1380-13
2	101	982	402 5	135 67 68	210	715	511 5	244 176 68	
				106				106	
3	105	640	406 5	139 71 68	211	525	512 5	246 176 70	
				174				176	
4	115	795	416 5	148 82 66	219	038	520 5	253 185 68	
				240				244	π = GOBLE
5	104	235	405 5	138 70 68	194	775	495 5	225 163 62	
				308				306	
6	90	091	391 5	129 51 78	213	021	514 5	252 174 78	
				386				384	
7	112	948	413 5	147 77 70	193	927	494 5	230 156 74	
				456				458	
8	143	380	444 5	168 118 50	151	239	452 5	175 127 48	
				506				506	
B.M. 15-6B								506	B.M. 15-6B (L.A.C.F.C.D. 067-00565)
	904	799			1573	532		1012	MYRTLE AVE. & LONGDEN AVE.
					904	799			SEE F.B. 3709-205
					668	733			

F.B. 4119 PG. 154

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-10-71

INDEXED T. M. PALMERI DATE

T = 88°

WEATHER HAZY SUN INST. NO. 96716

TIME 10:35 TO 11:00 ROD NO. 75896

NOTES CHKD. TM DATE SEP 20 '71

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
M. 15-6B									FROM B.M. 15-6 B TO B.M. 15-7
									B.M. 15-6B (L.A.C.F.C.D 067-0056-5)
1	160	907	461 5	186 134 52	148	790	449 5	174 122 52	MYRTLE AVE. & LONGDEN AVE.
									SEE F.B. 3709-205
2	164	960	465 5	192 136 56	124	107	425 5	152 96 56	
				108				108	
3	193	612	494 5	223 163 60	102	987	403 5	132 72 60	
				168				168	RERUN
4	202	701	503 5	234 170 64	101	052	402 5	133 69 64	
				232				232	π = GOBLE
5	212	217	513 5	247 177 70	73	655	374 5	109 37 72	
				302				304	
6	213	707	514 5	245 181 64	94	232	395 5	126 62 64	
				366				368	
7	194	870	495 5	222 166 56	148	465	449 5	178 118 60	
				422				428	
8	237	202	5 438 5	265 209 56	151	978	452 5	175 127 48	
				478				476	
9	176	392	477 5	190 162 28	143	148	444 5	158 128 30	
				506				506	
M. 15-7								506	B.M. 15-7
	1756	568			1088	4 14		1012	PECK RD. & CAMINO REAL
	1088	4 14							SEE F.B. 1380-13
	+668	154							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 9-14-71

INDEXED T. M. PALMERI DATE 21 71

WEATHER SMOGGY INST. NO. 86716

TIME 11:10 TO 11:50 ROD NO. 95 & 96

NOTES CHKD. [illegible] DATE 20 71

T = 98°

F.B. 4119 PG. 155

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M 15-7 TO B.M. 15-6B
B.M. 15-7									B.M. 15-7
1	138	261	439 5	156 120 36	181	021	482 5	198 164 34	PECK RD. & CAMINO REAL
									SEE F.B. 1380-13
2	106	483	407 5	133 79 54	195	098	496 5	222 168 54	
				90				88	
3	106	135	407 5	138 74 64	203	048	504 5	234 172 62	
				154				150	
4	97	582	398 5	129 65 64	190	363	491 5	221 159 62	RERUN
				218				212	
5	124	828	425 5	155 93 62	218	322	519 5	247 189 58	π = GOBLE
				280				270	
6	106	703	407 5	136 76 60	205	200	506 5	241 169 72	
				340				342	
7	110	711	411 5	139 81 58	197	969	498 5	227 167 60	
				398				402	
8	100	492	401 5	126 74 52	140	722	441 5	166 114 52	
				450				454	
9	157	713	458 5	184 130 54	185	762	486 5	211 159 52	
				504				506	
B.M. 15-6B								504	B.M. 15-6B (L.A. CO. F.C.D. 0056.5) 067-
	1048	908			1717	485 50		1010	MYRTLE AVE. & LONGDEN AV.
					1048	908			SEE F.B. 3709-205
					668	597			

T = 98°

WEATHER HOT & SMOGGY INST. NO. 96714

TIME 1:15 TO 2:00 ROD NO. 95 & 92

NOTES CHKD. FM DATE SEP 20 71

F.B. 4119 PG. 156 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 9-14-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 98°
SURVEY BY DREIER
NOTES BY SIEMANN DATE 9-14-71 WEATHER HOT & SMOGGY INST. NO 96716
INDEXED T. M. PALMER DATE SEP 21 71 TIME 2:25 TO 3:00 ROD NO 95596
NOTES CHKD JM DATE SEP 20 71
F.B. 4119 PG. 157

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 15-6B TO B.M. 15-7
M.15-6B													B.M. 15-6B (L.A.C.F.C.D. 067-0056.5)
1	151	621	452	5	181 121	60	143	890	444	5	173 113	60	MYRTLE AVE. & LONGDEN AVE.
													SEE F.B. 3709-205
2	177	174	478	5	199 155	44	139	852	440	5	162 116	46	
						104						106	
3	191	072	492	5	225 157	68	92	187	393	5	127 57	70	
						172						176	2nd RERUN
4	200	168	501	5	234 166	68	84	685	385	5	115 51	64	
						240						240	π = MALDONADO
5	196	189	497	5	232 160	72	74	433	375	5	108 40	68	
						312						308	
6	218	431	519	5	252 184	68	85	899	386	5	122 48	74	
						380						382	
7	205	308	506	5	240 170	70	139	584	440	5	173 105	68	
						450						450	
8	198	390	499	5	225 171	54	101	302	402	5	129 73	56	
						504						506	
9	159	340	460	5	161 157	4	167	400	468		169 165	4	
						508						510	
M.15-7												508	B.M. 15-7
	1697	700					1029	232				1018	PECK RD. & CAMINO REAL
	1029	232											SEE F.B. 1380-13
	+668	468											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4119 PG. 158 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY D. REIER NOTES SIEMANN 9-15-71

INDEXED T. M. PALMERI DATE

WEATHER OVERCAST INST. NO. 96714

TIME 8:30 TO 9:00 ROD NO. 9565

NOTES CHKD. LM DATE SEP 20 71

T = 74°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 15-7 TO B.M. 15-6B.
B.M. 15-7													B.M. 15-7
1	144	272	445	5	160 128	32	174	642	475	5	191 157	34	PECK RD. & CAMINO REAL
													SEE F.B. 1380-13
2	82	378	383	5	120 44	76	218	991	513	5	249 175	74	
						108						108	
3	90	487	391	5	130 50	80	214	336	515	5	253 175	78	
						188						186	
4	99	019	400	5	142 56	86	217	571	518	5	259 175	84	2ND RERUN
						274						270	
5	91	118	392	5	129 53	76	205	088	506	5	242 168	74	π = MALDONADO
						350						344	
6	88	361	389	5	126 50	76	216	264	517	5	256 176	80	
						426						424	
7	157	390	458	5	198 116	82	100	501	481	5	221 139	82	
						508						506	
B.M. 15-6B												508	B.M. 15-6B (L.A.C.F.C.P. 067-0056.5)
	753	025					142	393				1014	MYRTLE AVE. & LONGDEN AV.
							753	025					SEE F.B. 3709-205
							668	368					

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DIFFER
NOTES BY GOBLE DATE 9-15-71
INDEXED T. M. PALMERI DATE SEP 21 71
WEATHER HAZY TIME 9.30 TO 10.15
NOTES CHKD. DATE SEP 20 71
INST. NO. 96716 ROD NO. 45296
F.B. 4119 PG. 159

T = 84

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 15-7 TO BM 15-8A
M 15-7													BM 15-7
1	206	650	507	5	242 170	72	87	018	388	5	123 51	72	PECK RD & CAMINO REAL
													SEE F.B 1380-13
2	249	060	550	5	288 210	78	57	570	358	5	97 17	80	
						150						152	
3	238	176	539	5	278 198	80	59	502	560	5	98 20	78	
						230						230	
4	215	113	516	5	252 178	74	71	172	372	5	110 32	78	T MALDON 400
						304						308	
5	223	570	524	5	258 188	70	96	350	397	5	129 63	66	
						374						374	
6	222	435	523	5	257 187	70	37	372	338	5	71 3	68	
						444						442	
7	259	168	560	5	290 228	62	26	310	327	5	58 26	64	
						506						506	
8	268	580	569	5	298 238	60	53	655	354	5	78 28	50	
						566						556	
9	143	802	464	5	166 160	6	148	050	449	5	156 140	16	
						572						572	
												572	BM-15-8A
BM-15-8A												1144	PECK RD & DUARTE RD
	2046	554					636	999					SEE F.B 3709-209
	636	999											
+	1409	555											

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 15-8A TO BM 15-7
BM 15-8A													BM 15-8A
1	118	071	419	5	138 / 98	40	234	427	535	5	256 / 212	44	PECK RD. & DUARTE RD
													SEE FB 3709-209
2	34	660	335	5	66 / 2	64	276	330	577	5	307 / 245	62	
				5		104						106	
3	49	411	350	5	80 / 18	62	257	017	558	5	288 / 226	62	
				"		166						168	
4	80	323	381	5	113 / 47	66	213	942	514	5	247 / 179	68	
						232						236	
5	92	548	393	5	125 / 59	66	214	043	515	5	245 / 183	62	T MALDONADO
						298						298	
6	80	509	381	5	116 / 44	72	227	286	528	5	263 / 191	72	
						370						370	
7	77	258	378	5	110 / 44	66	212	091	513	5	245 / 179	66	
						436						436	
8	58	727	359	5	94 / 22	72	228	362	529	5	264 / 192	72	
						508						508	
9	69	837	370	5	105 / 33	72	207	582	508	5	244 / 170	74	
						580						582	
BM 15-7												580	BM 15-7
	661	344					2071	080				1162	PECK RD & CAMINO REAL
							661	344					SEE FB. 1380-13
							1409	736					

T = 94

F.B. 4119 PG. 160 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES GOBLE 9-15-71

INDEXED T. M. PALMERI DATE

WEATHER SMOGGY INST. NO. 96716

TIME 210 TO 2.50 ROD NO. 95296

NOTES CHKD. AM DATE 2071

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-84
SURVEY BY G. E. DREIER
NOTES BY GOBLE DATE 9-15-71
INDEXED T. M. PALMERI DATE SEP 21 '71
WEATHER SMOGGY
TIME 10 15-1805
NOTES CHKD. LM
INST. NO. 96716
ROD NO. 95 & 96
DATE SEP 20 '71
F.B. 4119 PG. 161

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 15-8A TO BM 11-10 A
BM 15-8A		858											BM 15-8A
1	160	~~838~~	461	5	177 / 143	34	104	695	405	5	122 / 86	36	PECK RD. & DUARTE RD.
													SEE F.B 3709-209
2	178	320	479	5	219 / 137	82	36	344	337	5	78 / 36 1/2	84	
						116						120	
3	278	331	579	5	201 / 255	46	78	686	379	5	102 / 54	48	
						162						168	
4	243	207	544	5	275 / 211	64	53	548	354	5	82 / 24	58	
						226						226	
5	274	503	575	5	302 / 246	56	12	242	313	5	40 / 12 1/2	56	π MALDONADO
						282						282	
6	258	432	559	5	283 / 233	50	42	524	343	5	66 / 18	48	
						332						330	
7	267	532	568	5	297 / 237	60	44	282	345	5	74 / 14	60	
						392						390	
8	289	700	590	5	289 / 264 1/2	50	40	358	341	5	66 / 14	52	
						442						442	
9	299	761	600	5	299 / 266 1/2	66	12	061	313	5	44 / 12 1/2	64	
						508						506	
10	267	838	568	5	246 / 238	58	4	352	305	5	34 / 4 1/2	60	
						566						566	
11	251	166	552	5	268 / 234	34	110	179	411	5	126 / 84	32	
						600		71				598	
												600	BM 11-10 A
BM 11-10 A	2769	648					539	271				1198	MYRTLE AVE & HUNTINGTON DR.
	539	271											SEE FB. 2880-15
+	2230	377											

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INST. NO. 96716
ROD NO. 852-94
DATE 2-20-71

WEATHER HAZY
TIME 1:15 PM
NOTES CHKD

T = 94

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
	~~445~~					~~335~~ 34					FROM BM 11-10A TO BM 15-8A
BM 11-10A											BM 11-10A
1	54	249	355	5	77 31 46	270	707	571	5	293 247 46	MYRTLE AVE & HUNTINGTON DR
											SEE F.B 2880-15 S.E. COR
2	32	611	333	5	62 2 60	295	457	596	5	295 263½ 64	
					106					110	
3	28	932	329	5	53 3 50	260	903	561	5	287 233 54	
					156					164	
4	20	222	321	5	50 20½ 60	271	042	572	5	297 245 52	
					216					216	
5	15	488	316	5	45 15½ 60	296	537	591	5	290 261½ 60	T MALDONADO
					276					276	
6	41	461	342	5	65 17 48	254	270	555	5	279 229 50	
					324					326	
7	24	701	325	5	54 24½ 60	280	710	581	5	280 250½ 60	
					384					386	
8	~~19~~ 20	008	321	5	52 20½ 64	162	438	463	5	194 130 64	
					448					450	
9	16	659	317	5	26 6 20	237	202	538	5	247 227 20	
					468					470	
10	89	599	390	5	121 57 64	175	752	376	5	207 143 64	
					532					534	
11	~~123~~	018	424	5	145 101 44	~~118~~	256	499	5	220 176 44	
					576					578	
										576	BM 15-8A
BM 15-8A	466948									1154	PECK RD & DUARTE RD
						2697274					SEE F.B 3709-209
						466948					
						-2230326					

F.B. 4119 PG. 62
SURVEY OF L.A. Co PRECISE LEVEL NET
SURVEY BY DRETER NOTES GOBLE 9-15-71
INDEXED T. M. PALMERI DATE
JOB NO. 6301.02

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-84°
SURVEY BY G.E. Drier
NOTES BY Maldonado DATE 9-15-71 SEP 21 '71
INDEXED T. M. PALMERI DATE
WEATHER Hazy Sun INST. NO. 96716
TIME 11:10 to 11:35 ROD NO. 95296
NOTES CHKD FML DATE SEP 20 '71
F.B. 4119 PG. 163

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 11-10A TO BM 11-9A
M 11-10A					274						34 1/2		BM 11-10A
1	243	378	544	5	212	62	3	007	304	5	3 1/2	62	Myrtle Ave & Huntington Dr
					285 1/2						61 1/2		See F.B. 2880-15 S.E. Cor.
2	285	480	586	5	254 1/2	62	30	692	331	5	30 1/2	62	
					293 1/2	124					51 1/2	124	
3	293	801	594	5	266 1/2	54	24	158	325	5	24 1/2	54	
					283	178					69	178	π-Goble
4	257	295	558	5	231	52	43	528	344	5	17	52	
					274	230					104	230	
5	253	770	554	5	232	42	83	435	384	5	62	42	
					247	272					102	272	
6	229	323	530	5	211	36	84	622	385	5	66	36	
					141	308					134	308	
7	130	755	431	5	119	22	123	545	424	5	112	22	
						330						330	
												330	
	1693	802					392	987				660	
	392	987											
	+1300	815											
M 11-9A													BM 11-9A
													Myrtle Ave & Colorado Blvd. N.W. Cor.
													See 3710-27

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
	37	22					443	42					FROM BM 11-9A TO BM 11-10A
BM 11-9A					129						167		BM 11-9A
1	113	915	414	5	97	32	154	421	455	5	141	26	Myrtle Ave. & Colorado Ave.
					66						249		See F.B. 3710-27 N.W. Cor
2	50	482	351	5	34	32	229	638	530	5	209	40	
					76	64					297	66	
3	48	775	349	5	20	56	269	868	570	5	241	56	
					51 1/2	120					299	122	
4	22	723	323	5	22	58	270	375	571	5	241	58	π-Gable
					72	178					286	180	
5	45	712	346	5	18	54	286	273	587	5	259	54	
					68	232					289	234	
6	45	155	346	5	22	46	265	491	566	5	241	48	
					37 1/2	278					187	282	
7	7	122	308	5	7	60	158	692	459	5	129	58	
						338						340	
												338	
	333	884					1634	758				678	
							333	884					
							-1300	874					
BM 11-10A													BM 11-10A
													Myrtle Ave. & Huntington Dr
													See F.B. 2880-15 S.E. Co

T-88°

WEATHER Hazy Sun INST. NO. 96716

TIME 11:35 to 12:10 ROD NO. 95 & 91

NOTES CHKD LM DATE SEP 20 '71

F.B. 4119 PG. 164 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 9-15-71

INDEXED T. M. PALMERI DATE

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes Date NOV 1971
Date	Indexed T. M. PALMERI NOV 24 '71

F. B. 4119 PG. 175

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

LINE NO. 25, PARTIAL RELEVELING, NOV. 1971

REFERENCES
F.B. 926
F.B. 935
F.B. 3733-211

DREIER
JONES, L.
MALDONADO
SIEMENN
McKNIGHT

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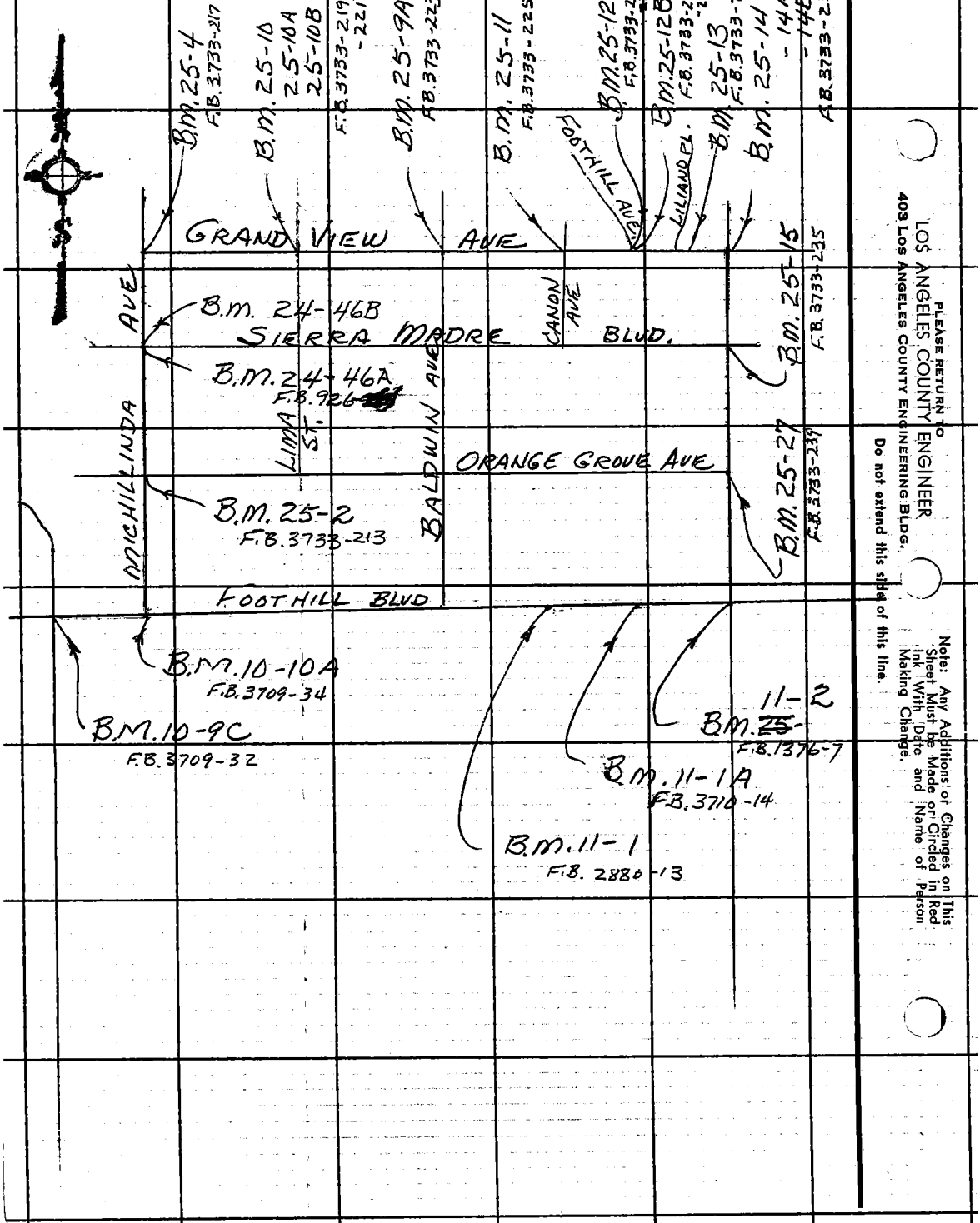
76F3099 CE # 310 3-61

ROUTE SKETCH, LINE 25

NOV. 1971 RELEVELING

F. B. 4119 PG. 176



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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	157	468	458 5	159 155 4	120	212	421 5	147 93 54	54 M- 4 M= 50 M=0.20 mm
2	162	308	463 5	164 160 4	199	657	500 5	226 172 54	54 M- 4 M= 50 M=0.20 mm
	319	776		8	319	869		108	
	+				-0.	040 mm mm		8	Curvature Corr.=0.40 mm
					319	829		100	
					319	776			
					-	053			

mm= "C"

- 0.005 mm= "C"
100 / 0.530

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 9-30-71 WEATHER Overcast INST. NO. 96716
INDEXED T. M. PALMERI DATE NOV 24 71 TIME 8:50 ROD NO. 95896
NOTES CHKD ____ DATE ____

T-62°

F.B. 4119 PG. 177

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E.D.
NOTES BY JONES DATE 11-15-71
INDEXED T. M. PALMERI DATE NOV 24 '71
WEATHER PARTLY CLOUDY
TIME 9:30
NOTES CHKD
DATE
INST. NO 96716
ROD NO. 95896
T= 58
F.B. 4119 PG. 179

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	148	640	449 5	150 146 4	174	582	475 5	201 147 54	M- 54 M= M-0. 20mm
2	150	212	451 5	152 148 4	124	318	425	151 97 54	M- M= M=0. 20 mm
	298	852		8	298	900		108	
						0.40 mm			
	+				-0.	mm		8	Curvature Corr.=0. 40mm
					298	860		100	
					298	852			
					-	0.08 mm			
				mm= "C"					
						-.001		mm= "C"	
					100	0.08			

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T= 67°
SURVEY BY G.E. DREIER WEATHER Sunny - Clear INST. NO. 96716
NOTES BY T. Ohashi DATE 11-16-71 TIME 8:45 - ROD NO. 95 & 96
INDEXED T. M. PALMER! DATE NOV 24 '71 NOTES CHKD DATE

F.B. 1414 (1464 struck) PG. 181

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS From To
			DETERMINATION OF "C"										
			NEAR ROD						FAR ROD				
1	140	869	441	5	142 138	4	68	674	369	5	95 41	54	54 M- 4 M= 50 M-0.20 mm
2	155	853	456	5	157 153	4	228	061	529		255 201	54	54 M- 4 M= 50 M=0.20 mm
	296	722				8	296	735				108	.40
	296	695						040 mm				8	
	+	0.27 mm					~~0. mm~~						Curvature Corr.=0.40 mm
							296	695				100	
							-						

+0.003
~~.001~~
~~+0.003~~ mm= "C"
100 / 0.27

mm= "C"

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 11-17-71 TIME 8:40 TO 8:50 WEATHER Sunny, Clear INST. NO. 86716
INDEXED T. M. PALMERI DATE NOV 24 '71 NOTES CHKD DATE ROD NO. 95496
T = 64°
F.B. 4119 PG. 183

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
				160	89	594	390 5	116	
1	158	090	459 5	156 4	~~94~~	~~108~~	~~395 5~~	62 54	54 M- 4 M= 50 M-0.20 mm
				166				259	
2	164	065	465 5	162 4	232	714	533 5	205 54	54 M- 4 M= 50 M=0.20 mm
	322	155		8	322	308		108	
						0.40 mm		8	
	+				-0. mm				Curvature Corr.=0.40 mm
					322	268		100	
					322	155			
					-	1.13			
				mm= "C"					
	1								
					- 00013			mm= "C"	
					100	1.113			

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 54°
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96716
NOTES BY E.E.D. DATE 11-18-71 TIME 8:30 ROD NO. 95896
INDEXED T. M. PALMERI DATE 24 '71 NOTES CHKD. DATE
F.B. 4119 PG. 185

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	153	362	454 5	155 / 151 4	75	230	376 5	102 / 48 54	54M- 4 M= 50 M-0.20 mm
2	163	900	464 5	165 / 161 4	242	201	543 5	269 / 215 54	54 M- 4 M= M=0.20 mm
	317	262		8	317	431		108	
	+					0.40 ~~-0. mm~~		-8	Curvature Corr.=0.40 mm
					317	391		100	
					317	262			
					-	1.29 mm			
				mm= "C"					
						- 0.013		mm= "C"	
					100	1.29			

76P526B CE # 308 8/68

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 10-~~9C~~ 9C TO BM 10-10A
BM 10-9C				214	8			289	BM 10-9C
1	153	768	454 5	92 122	289	351	590 5	230½ 118	Foothill Blvd. & Rosemead Blvd.
				56½				288½	See F.B. 3709-32 N.E. Cor.
2	14	574	315 5	14½ 84	288	680	589 5	244½ 88	
				100 206				128 206	
3	76	989	377 5	52 48	105	896	406 5	82 46	⊼-Siemann
				254				252	
								254	
	245	331			683	927		506	
					245	331			
					438	596			BM 10-10A
BM 10-10A									Foothill Blvd. & Michillinda Ave.
									See F.B. ~~935-15~~ N.W. Cor.
									3709-34

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 9-30-71

INDEXED T. M. PALMERI DATE NOV 24 '71

WEATHER Overcast

TIME 8:55 to 9:20

NOTES CHKD. DATE

T-62

F.B. 4119 PG. 187

INST. NO. 96711

ROD NO. 95 & 96

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 10-10A TO BM 10-9C
BM 10-10A					141						172		BM 10-10A
1	135	196	436	5	129	12	167	020	468	5	162	10	Foothill Blvd & Michillinda A
					298						94		See F.B. ~~935-15~~ N.W. Cor.
2	261	999	562	5	224	74	57	796	358	5	20	74	3709-34
					274	86					110	84	
3	245	585	546	5	216	58	81	278	382	5	52	58	
					290	144					138	142	R- Siemann
4	255	835	556	5	220	70	102	014	403	5	66	72	
					149	214					201	214	
5	135	719	436	5	121	28	187	587	488	5	173	28	BM 10-9C
BM 10-9C						242						242	Foothill Blvd. & Rosemead Blvd.
												242	See F.B. 3709-32 N.E.C
	1034	334					595	695				484	
	595	695											
	438	639											

T-66

F.B. 4119 PG. 188 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-17-71

INDEXED T. M. PALMERI DATE

WEATHER Sunny INST. NO. 9671

TIME 2:40 to 3:00 ROD NO. 9589

NOTES CHKD DATE

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-640
SURVEY BY G.E. Dreier DATE 9-30-71 WEATHER Overcast INST. NO. 96716
NOTES BY Maldonado TIME 9:20 to 10:05 ROD NO. 95 & 96
INDEXED T. M. PALMERI DATE NOV 24 71 NOTES CHKD DATE
F.B. 4119 PG. 189

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM 10-10A TO BM 25-2
BM 10-10A					265						41		BM 10-10A
1	247	609	548	5	229	36	22	240	323	5	3	38	Foothill Blvd. & Michillinda Ave
					295						39		See F.B. ~~935-15~~ N.W. Cor.
2	280	518	581	5	265	30	24	248	325	5	9	30	3709-34
					298 1/2	66					20 1/2	68	
3	298	642	599	5	283 1/2	30	5	450	306	5	5 1/2	30	T-Siemann
					301 1/2	96					28	98	
4	301	452	602	5	286 1/2	30	13	950	314	5	-2	30	
					297 1/2	126					31	128	
5	297	180	598	5	283 1/2	28	16	798	317	5	1	30	
					301 1/2	154					21 1/2	158	
6	301	848	602	5	286 1/2	30	8	255	309	5	8 1/2	26	
					303	184					40	184	
7	289	829	590	5	275	28	26	510	327	5	12	28	
					295	212					26 1/2	212	
8	281	801	582	5	267	28	12	589	313	5	12 1/2	28	
					297 1/2	240					21	242	
9	297	820	598	5	283 1/2	28	7	255	308	5	7 1/2	28	
					299 1/2	268					25 1/2	268	
10	299	671	600	5	286 1/2	26	12	396	313	5	12 1/2	26	
					298	294					39	294	
11	286	721	587	5	274	24	27	211	328	5	15	24	
					305	318					40	318	
12	292	761	593	5	279	26	27	732	328	5	14	26	
					252	344					130	344	
13	244	862	545	5	236	16	123	748	424	5	116	14	
	3720	714				360	328	382				358	
	328	382										360	BM 25-2
	+3392	332										718	Michillinda Ave. & Orange Grove Ave. & Int.
BM 25-2													See F.B. 935-15 & F.B. 3733-213

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM25-2 TO BM10-10A
BM 25-2					54 1/2						1299		BM25-2
1	41	669	342	5	41 1/2	26	299	622	600	5	285 1/2	28	Michillinda Ave. & Orange
					24 1/2						295 1/2		Grove Ave. & Int.
2	10	301	311	5	10 1/2	28	295	810	596	5	282 1/2	26	See F.B. 935-15 & 3733-21
					24 1/2	54					294 1/2	54	
3	10	240	311	5	10 1/2	28	294	339	595	5	280 1/2	28	
					22 1/2	82					301 1/2	82	
4	9	701	310	5	9 1/2	26	301	857	602	5	288 1/2	26	T-Siemann
					28	108					292	108	
5	15	179	316	5	2	26	280	790	581	5	268	24	
					38	134					302	132	
6	24	750	325	5	10	28	288	879	589	5	274	28	
					24 1/2	162					296 1/2	160	
7	9	863	310	5	9 1/2	30	296	893	597	5	281 1/2	30	
					19 1/2	192					297 1/2	190	
8	6	090	307	5	6 1/2	26	297	139	598	5	283 1/2	28	
					22 1/2	218					298 1/2	218	
9	7	113	308	5	7 1/2	30	298	215	599	5	283 1/2	30	
					24 1/2	248					301 1/2	248	
10	9	679	310	5	9 1/2	30	301	200	602	5	284 1/2	34	
					32 1/2	278					299 1/2	282	
11	13	088	314	5	13 1/2	38	299	620	600	5	281 1/2	36	
					28 1/2	316					297 1/2	318	
12	7	220	308	5	7 1/2	42	297	429	598	5	277 1/2	40	
	153				155	358					160	358	
13	~~154~~	699	454	5	151	4	158	861	459		156	4	
						362						362	
	318	592					3710	654				~~720~~	
							318	592				362	BM10-10A
BM 10-10A							3492	062				724	Michillinda Ave & Foothill Blvd.
													See F.B. ~~935-15~~ N.W. Cor.
													3709-34

T - 68°

WEATHER Sunny & Clear INST. NO. 9671

TIME 2:00 to 2:35 ROD NO. 95

NOTES CHKD DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-17-71

INDEXED T. M. PALMERI DATE

F.B. 4119 PG. 190

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 11-18-71 TIME 10:00 WEATHER OVERCAST .55° INST. NO. 86716
INDEXED T. M. PALMERI DATE NOV 24 71 NOTES CHKD DATE ROD NO. 95 & 96
F.B. 4119 PG. 191

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
					RERUN				FROM B.M. 10-10A TO B.M. 25-2
B.M. 10-10A									B.M. 10-10A
1	284	489	585 5	306 262 44	4	538	305 5	25 ½ 4 42	FOOTHILL BLVD. & MICHILLINDA AVE.
									SEE F.B. 3709-34
2	294	499	595 5	294 ½ 278 32	21	829	322 5	36 6 30	
~~3~~	~~296~~	~~001~~	~~597 5~~	~~296 ½ 282 76~~	~~11~~	~~211~~	~~312 5~~	~~27 ½ 11 72~~	
				28 104				32 104	
4	299	651	600 5	299 ½ 284 30	12	189	313 5	26 ½ 12 28	RERUN
~~5~~	~~294~~	~~568~~	~~595 5~~	~~308 280~~	~~14~~	~~090~~	~~315 5~~	~~29 11~~	R SIEMANN
				134 28				132 30	
6	292	282	593 5	305 279 26	22	230	323 5	35 9 26	
				162 188				162 188	
7	279	899	580 5	292 266 26	27	270	328 5	40 14 26	
				214				214	
8	289	185	590 5	303 275 28	11	561	312 5	25 ½ 11 28	
				242				242	
9	296	580	597 5	296 ½ 283 26	10	804	311 5	24 ½ 10 28	
				268				270	
10	300	123	601 5	½ 300 2 286 28	17	970	318 5	30 4 26	
				296				296	
11	299	630	600 5	½ 299 2 286 26	9	319	310 5	23 ½ 9 28	
				322				324	
12	298	085	599 5	298 ½ 284 28	7	971	308 5	20 ½ 7 26	
				350				350	
13	197	799	498 5	201 193 8	159	468	460 5	163 155 8	
				358				358	
B.M. 25-2								358	B.M. 25-2 (SIERRA MADRE D-68)
	3722 791				330	450		71.6	MICHILLINDA AVE & ORANGE GROVE AVE
	330 450								SEE F.B. 935-15 & F.B. 3733-213
	+3392 341								

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WEATHER OVERCAST INST. NO. 86 716
TIME 10:40 TO 11:30 ROD NO. 95896
NOTES CHKD. DATE

F.B. 4119 PG. 192 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY G.E.D. NOTES L.W. JONES
INDEXED T.M. PALMERI DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RERUN RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 25-2 TO B.M. 10-10A
B.M. 25-2													B.M. 25-2 (SIERRA MADRE D-6B
1	67	110	368	5	79 55	24	288	029	589	5	300 276	24	MICHILLINDA AVE & ORANGE GROVE
													SEE F.B. 935-15 & F.B. 3733-21
2	8	209	309	5	½ 22 8	28	293 8	868	594	5	300 280	26	
						52						50	
3	9	289	310	5	½ 23 9	28	296	791	597	5	296 282	28	
						80						78	
4	5	782	306	5	½ 19 5	26	300	149	601	5	½ 300 286	28	RERUN
						106						106	
5	11	640	312	5	½ 24 11	26	287	838	588	5	301 274	26	
						132						132	T = R. SIEMANN
6	16	999	317	5	32 2	30	278	422	579	5	292 264	28	
						162						160	
7	6	899	307	5	½ 21 6	30	300	859	601	5	½ 300 285	30	
						192						190	
8	7	480	308	5	½ 21 7	28	298	071	599	5	½ 298 284	28	
						220						218	
9	4	611	305	5	½ 18 4	28	288	181	589	5	302 274	28	
						248						246	
10	20	671	321	5	38 6	28	288	479	589	5	304 272	32	
						276						278	
11	7	511	308	5	½ 22 7	30	298	259	599	5	298 282	32	
						306						310	
12	12	039	313	5	½ 30 12	30	271	570	572	5	287 255	32	
						342						342	
13	113	682	414	5	119 107	12	193	550	494	5	199 187	12	
	+ 291	922				354	~~3392~~	~~144~~				354	
B.M. 10-10A							~~291~~	~~922~~				354	B.M. 10-10A
~~B.M.~~							3684	066				708	MICHILLINDA AVE. & FOOTHILL BLVD
							291	922					SEE F.B.
							3392	144					

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-64°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 9-30-71 WEATHER Overcast INST. NO 96716
INDEXED T. M. PALMERI DATE NOV 24 71 TIME 10:10 to 11:50 ROD NO 95496
NOTES CHKD DATE
F.B. 4119 PG. 193

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
	965	76					57	56					FROM BM 25-2 TO BM 24-46 A/B
BM 25-2					298						50		BM 25-2
1	298	263	599	5	288½	20	39	289	340	5	28	22	Michillinda Ave. & Orange Grove
					278						58		See F.B. 935-15 & Ave. & Int
2	267	031	568	5	256	22	48	655	349	5	38	20	F.B. 3733-213
					285	42					60	42	
3	273	495	574	5	261	24	51	510	352	5	42	18	
					291½	66					23½	60	K- Ohashi
4	291	134	592	5	278½	26	11	243	312	5	11½	24	
					280	92					45	84	
5	271	339	572	5	262	18	33	247	334	5	21	24	
					292½	110					51	108	
6	292	512	593	5	281½	22	40	858	341	5	29	22	
					296	132					22½	130	
7	284	898	585	5	272	24	10	235	311	5	10½	24	
					297½	156					21½	154	
8	297	588	598	5	285½	24	10	822	311	5	10½	22	
					301½	180					21½	176	
9	301	270	602	5	290½	22	9	930	310	5	9½	24	
					299½	202					15½	200	
10	299	377	600	5	287½	24	4	653	305	5	4½	22	
					297	226					17½	222	
11	287	777	588	5	277	20	5	749	306	5	5½	24	
					293½	246					32	246	
12	293	658	594	5	282½	22	22	809	323	5	12	20	
					218	268					166	266	
13	215	320	516	5	212	6	162	040	463	5	158	8	
						274						274	
												274	
	3673	662					451	040				548	BM 24-46 A/B (R.M. #2) (SIERRA D-5)
	451	040											~~Foothill~~ Blvd. & Sierra Madre
	+3222	622											Michillinda Blvd. S.E. Cor.
BM 24-46 A/B													See F.B. 926-261 & F.B. ?

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
	69	75					867	75					FROM BM 24-46 A TO BM 25-2
BM 24-46 A					70						227		BM 24-46 A (SIERRA D-5 RM. 2)
1	61	054	362	5	52	18	218	128	519	5	209	18	~~Foothill Blvd.~~ & Sierra Madre Blvd
					31						294		Michillinda Ave.
2	20	727	321	5	9	22	285	777	586	5	274	20	See F.B. 926-261 S.E. Cor.
					27	40					280	38	
3	17	879	318	5	7	20	271	784	572	5	262	18	
					41	60					278	56	
4	32	971	333	5	23	18	269	615	570	5	259	19	T. Ohashi
					23	78					288	75	
5	13	566	314	5	3	20	277	392	578	5	266	22	
					25	98					294	97	
6	12	782	313	5	12 ½	26	294	705	595	5	281 ½	26	
					27	124					268	123	
7	16	200	317	5	5	22	259	377	560	5	250	18	
					32	146					252	141	
8	22	854	323	5	12	20	242	977	543	5	232	20	
					62	166					301	161	
9	54	965	555	5	46	16	301	490	602	5	290 ½	22	
					40	182					285	183	
10	29	952	330	5	18	22	274	627	575	5	263	22	
					21	204					294 ½	205	
11	8	697	309	5	8 ½	26	294	166	595	5	280 ½	28	
					22 ½	230					293	233	
12	9	609	310	5	9 ½	26	281	570	582	5	269	24	
					32	256					284	257	
13	21	630	322	5	10	22	273	950	574	5	262	22	
						278						279	
												278	
	~~323~~	~~886~~					3545	558				557	BM 52-2
	322	886					322	886					Michillinda Ave. & Orange Grove
							3222	672					Ave. ~~& Int.~~
BM 25-2													see F.B. 935-15 & 3733-213

T-66°

WEATHER Sunny & Clear INST. NO 96711

TIME 11:20 to 11:55 ROD NO 95 & 91

NOTES CHKD DATE

JOB NO. 0301.02

F.B. 4119 PG. 194

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-17-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 70°
SURVEY BY G.E. DREIER WEATHER CLOUDY INST. NO 96716
NOTES BY SIEMANN TIME 1:10 TO 1:15 ROD NO 958
INDEXED T. M. PALMERI DATE 9-30-71 NOTES CHKD DATE
DATE NOV 24 71 F.B. 4119 PG. 195

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM. 24-46A TO BM. 24-46B
M.24-46A				271				147	BM. 24-46-A (SIERRA MADRE D-5 R.M.2)
1	265	063	566	5 259 12	140	612	441	5 133 14	MICHILLINDA BLVD. & SIERRA
								12	MADRE BLVD. S.E. COR.
								26	SEE F.B. 926-261 & F.B.?
	140	612 ✓							
									T= MALDONADO
M.24-46B									B.M. 24-46 B (SIERRA D-5 RESET 1960)
	+1	24	451 ✓						MICHILLINDA BLVD. & SIERRA
									MADRE BLVD.
									SEE F.B. 926-261 & F.B.? LINE 24

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 24-46B TO B.M. 24-46A
B.M. 24-46B									B.M. 24-46B (SIERRA MADRE D-5 RESRT 1960)
									MICHILLINDA BLVD. & SIERRA
1	141	941	142 5	148 134 14	266	379	567 5	272 260 12	MADRE BLVD.
								14	SEE F.B. 926-261 & ?
					141	941		26	
B.M. 24-46A				-	124	438			B.M. 24-46-A (SIERRA D-5 R.M. 2)
									MICHILLINDA BLVD. & SIERRA
									MADRE BLVD. S.E. COR.
									SEE F.B. 926-261 & ?

T = 64°

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 11:10 TO 11:15 ROD NO. 95496

NOTES CHKD ____ DATE ____

F.B. 4119 PG. 196 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-17-71

INDEXED T. M. PALMERI DATE ____

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 70°
SURVEY BY G.E. DREIER WEATHER CLOUDY INST. NO 96716
NOTES BY SIEMANN DATE 9-30-71 TIME 1:15 TO 1:55 ROD NO 95896
INDEXED T. M. PALMERI DATE NV 24 71 NOTES CHKD DATE
F.B. 4119 PG. 197

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA	FORESIGHT RIGHT	MIC.	LEFT.		STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 24-46B TO B.M. 25-4
M.											B.M. 24-46B (SIERRA MADRE D-5 RESET 1100)
1	266	043	567	5	278 / 254 24	15	226	316	5	26 / 4 22	MICHILLINDA BLVD. & SIERRA MADRE BLVD. ~~AT &~~
2	297	802	598	5	306 / 288 18 / 42	8	222	309	5	19 / 8 22 / 44	SEE F.B. 926-261 & F.B. ?
3	298	579	599	5	298 / 288 20 / 62	5	823	306	5	16 / 5 22 / 66	
4	285	082	586	5	296 / 274 22 / 84	7	907	308	5	18 / 7 22 / 88	
5	283	358	584	5	294 / 272 22 / 106	12	213	313	5	23 / 1 22 / 110	
6	283	138	584	5	294 / 272 22 / 128	24	113	325	5	34 / 14 20 / 130	π = MALDONADO
7	299	300	600	5	299 / 286 28 / 154	3	344	304	5	14 / 3 22 / 152	
8	296	621	597	5	307 / 285 22 / 176	6	526	307	5	16 / 6 20 / 172	
9	291	882	592	5	301 / 281 20 / 196	4	581	305	5	16 / 4 24 / 196	
10	294	713	595	5	304 / 284 20 / 216	16	911	317	5	27 / 5 22 / 218	
11	298	812	599	5	298 / 287 22 / 238	11	298	312	5	22 / 0 22 / 240	
12	300	709	601	5	300 / 288 24 / 262	6 / 5	011	307	5	18 / 6 24 / 264	
13	301	192	602	5	301 / 290 22 / 284	50	927	351	5	60 / 40 20 / 284	
										284	B.M. 25-4 (SIERRA MADRE D-4A)
M. 25-4	3797	231				173	102			568	MICHILLINDA BLVD. & GRAND VIEW AVE.
	173	102									SEE F.B. 935-9 & F.B. 5733-217
	+3624	129									

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WEATHER SUNNY, CLEAR INST. NO. 26716
TIME 10:25 TO 11:10 ROD NO. 75 & 76
NOTES CHKD ____ DATE ____

T = 64°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 25-4 TO B.M. 24-46B
B.M. 25-4	4	9 5											B.M 25-4 (SIERRA MADRE D-4A)
1	35	982	336	5	46 ½ 35	22	293	600	594	5	304 282	22	MICHILLINDA ~~BLVD.~~ AVE. & GRAND
													VIEW AVE.
2	3	340	304	5	½ 14 3	22	293	417	594	5	304 282	22	SEE F.B. 935-9 & 3733-217
3	13	089	314	5	23 3	44 20 64	292	224	593	5	302 282	44 20 64	
4	10	883	311	5	20 ½	20	295	741	596	5	306 284	22	
5	10	112	311	5	20 0	84 20 104	296	182	597	5	306 286	86 20 106	
6	10	067	311	5	20 0	20 124	291	758	592	5	301 281	20 126	T = MALDONADO
7	4	958	305	5	15 ½ 4	22 146	301	108	602	5	301 290	22 168	
8	12	592	313	5	21 1	20	278	495	579	5	288 268	20 168	
9	11	677	312	5	22 0	166 22 188	301	801	602	5	301 288	26 194	3920.034
													295.813
10	20	371	321	5	31 9	22 210	296	411	597	5	302 285	22 216	-3624.221
11	45	082	346	5	53 37	16 226	286	898	587	5	296 276	20 236	
12	6	669	307	5	17 ½ 6	22 248	216	740	517	5	221 211	10 246	
13	17	071	318	5	27 7	20 268	272	597	573	5	283 261	22 268	
14	93	920	394	5	99 87	12 280	203	062	504	5	209 197	12 280	
B.M. 24-46B												280	B.M. 24-46B (SIERRA MADRE D-5 RESET 1960
	2958	13					3920	034				560	MICHILLINDA ~~BLVD.~~ AVE. & SIERRA MADRE BLVD)

SEE F.B 926 261

F.B. 4119 PG. 198 JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES SIEMANN 11-17-71
INDEXED T. M. PALMERI DATE ____

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY B.E. DREIER DATE 9-30-71 WEATHER CLOUDY INST. NO. 96716
NOTES BY SIEMANN TIME 1:55 TO 2:30 ROD NO. 55896
INDEXED T. M. PALMER DATE NOV 24 71 NOTES CHKD DATE
F.B. 4119 PG. 199
T = 70°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS
											FROM B.M. 25-4 TO B.M. 25-10
M.25-4											B.M. 25-4 (SIERRA MADRE D-4A)
1	105	042	406	5	129 / 81 / 48	233	198	534	5	257 / 209 / 48	MICHILLINDA BLVD. & GRAND VIEW AVE
											SEE F.B. 935-9 & F.B. 3733-217
2	9	212	310	5	64 / 41 / 9 / 32	271	888	572	5	303 / 239 / 64	
					112					112	
3	56	474	357	5	84 / 28 / 56	284	103	585	5	284 / 256 / 56	
					168					168	
4	5	791	306	5	29 / 5 / 48	299	922	600	5	299 / 276 / 46	
					216					214	T = MALDONADO
5	28	261	329	5	56 / 0 / 56	209	887	510	5	238 / 180 / 58	
					272					272	
6	106	398	407	5	142 / 70 / 72	187	348	488	5	224 / 150 / 74	
					344					346	
7	126	397	427	5	146 / 106 / 40	187	560	488	5	207 / 167 / 40	
					384					386	
										384	B.M. 25-10 (SIERRA MADRE E-4A)
M.25-10										770	GRAND VIEW AVE. & LIMA ST.
	437	575				1673	906				SEE F.B. 935-21 & F.B. 3733-219
						437	575				
					-	1236	331				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4119 PG. 200 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-17-71

INDEXED T. M. PALMERI DATE

T=64°

WEATHER SUNNY CLEAR INST. NO. 86716

TIME 9:35 TO 10:20 ROD NO. 95869

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 25-10 TO B.M. 25-4
B.M. 25-10													B.M. 25-10 (SIERRA MADRE F-4A)
1	234	437	535	5	268 200	68	165	014	466	5	199 131	68	GRAND VIEW AVE. & LIMA ST.
													SEE F.B. 935-21 & 3733-219
2	246	658	547	5	282 210	72	83	462 399	384	5	118 48	70	
						140						138	
3	190	567	491	5	215 165	50	11	613	312	5	133 11	44	
						190						182	
4	278	568	579	5	297 259	38	7	737	308	5	129 7	44	T = MALDONADO
						228						226	
5	282	439	583	5	282 252	60	95	339	396	5	126 65	60	
						288						286	
6	285	249	586	5	285 260	50	39	017	340	5	64 14	50	
						338						336	
7	231	899	532	5	254 208	46	111	330	412	5	134 88	46	
						384						382	
												384	B.M. 25-4 (SIERRA MADRE D-4A)
B.M. 25-4												766	GRANDVIEW AVE. & MICHILLINDA BLVD
	~~749~~	~~767~~					613	512					SEE F.B. 935-9 & F.B. 3733-217
	~~613~~	~~512~~											
	~~+136~~	~~255~~											
	+1749	817											
	-613	512											
	+1236	305											

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 25-10 TO B.M. 25-10A
M.25-10									B.M. 25-10 (SIERRA MADRE E-4A)
1	217	412	518 5	222 212 10	90	347	391	95 85 10	GRAND VIEW AVE. & LIMA ST. 219
									SEE F.B. - 935-21 & F.B. 3733-
	90	347						10	
	+127	065						20	π = MALDONADO
M.25-10-A									B.M. 25-10 A (R.M. NO. 1)
									GRAND VIEW AVE. & LIMA ST.
									SEE F.B. 1200-302 & 935-21
									& F.B. 3733-219, 221

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 9-30-71

INDEXED T. M. PALMERI DATE NOV 24 '71

WEATHER CLOUDY T = 70°

TIME 2:35 TO 2:40

NOTES CHKD

INST. NO 96716

ROD NO 95496

DATE

F.B. 4119 PG. 209

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 25-10A TO B.M. 25-10
B.M. 25-10 A									B.M. 25-10 A (R.M. NO 1)
									GRAND VIEW AVE. & LIMA ST.
1	93	230	394 5	98 88 10	220	253	521 5	225 215 10	SEE F.B. 1200-302, F.B. 935-21
									& F.B. 3733-219, 221
									T: MALDONADO
					93	230		10	
B.M. 25-10					-127	023 ✓		20	B.M. 25-10 (SIERRA MADRE E-4A)
									GRAND VIEW AVE. & LIMA ST.
									SEE F.B. 935-21 &
									F.B. 3733-219

T = 64°

WEATHER SUNNY, CLEAR INST. NO 96716

TIME 9:32 TO 9:35 ROD NO 95896

NOTES CHKD DATE

JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-17-71

INDEXED I. M. PALMERI DATE

F.B. 4119 PG. 202

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T = 70° F.B. 4119 PG. 203

SURVEY BY G. E. DREIER WEATHER CLOUDY INST. NO. 96716

NOTES BY SIEMANN DATE 9-30-71 TIME 2:40 TO 2:42 ROD NO. 95896

INDEXED T. M. PALMERI DATE NOV 24 '71 NOTES CHKD. DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 25-10A TO B.M. 25-10B
M. 25-10A									B.M. 25-10A (R.M. NO. 1)
1	58	587	359 5	66 50 16	202	177	503 5	211 19 18	GRAND VIEW AVE. & LIMA ST.
								16	SEE F.B. 1200-302, F.B. 935-21 & F.B. 3733-219, 221
					58	587			
					-143	590		34	T = MALDONADO
M. 25-10B									B.M. 25-10B (R.M. NO. 2)
									GRAND VIEW AVE. & LIMA ST.
									SEE F.B. 1200-302, F.B. 935-21 & F.B. 3733-219, 221

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4119 PG. 204 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-17-71

INDEXED T. M. PALMER DATE

T=64

WEATHER SUNNY & CLEAR INST. NO. 96716

TIME 9:30 TO 9:32 ROD NO. 95 & 96

NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 25-10B TO BM. 25-10A
BM. 25-10 B									BM. 25-10B (R.M. NO. 2)
1	202	342	503	5	58	839	359	5	GRAND VIEW AVE. & LIMA ST.
				210 194 16				66 50 16	16 SEE F.B. 1200-302, F.B. 935-21
									32 & F.B. 3733-219, 221
	58	839							
+	143	503							T = MALDONADO
BM. 25-10 A									BM. 25-10A (R.M. NO. 1)
									GRAND VIEW AVE. & LIMA ST.
									SEE F.B. 1200-302, F.B. 935-21
									& F.B. 3733-219, 221

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 70°
SURVEY BY G.E. DREIER WEATHER CLOUDY INST. NO. 97676
NOTES BY SIEMANN DATE 9-30-71 TIME 2:45 TO ROD NO. 95496
INDEXED T. M. PALMER DATE NOV 24 '71 NOTES CHKD DATE
F.B. 4119 PG. 205

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 25-10B TO BM. 25-#9A
M.25-10B													BM. 25-10B (R.M. NO. 2)
1	232	416	533	5	254 210	44	188	868	489	5	210 166	44	GRAND VIEW AVE. & LIMA ST.
													SEE F.B. 1200-302, 935-21
2	87	009	388	5	116 58	58	278	722	579	5	308 248	60	& F.B. 3733-219, 221
						102						104	
3	35	213	336	5	47 23	24	253	850	554	5	266 240	26	
						126						130	
4	96	608	397	5	129 63	66	174	728	475	5	207 141	66	
						192						196	T = MALDONADO
5	48	111	349	5	77 19	58	253	689	554	5	283 223	60	
						250						256	
6	56	778	357	5	79 33	46	271	538	572	5	290 252	38	
						296						294	
7	27	770	328	5	46 8	38	271	109	572	5	288 254	34	
						334						328	
8	200	656	501	5	207 193	14	170	762	471	5	180 160	20	
						348						348	
9	125	289	426	5	129 121	8	170	307	471	5	174 166	8	
						356						356	
M25-9A												356	
	909	850					2 033	573				712	
							909	850					
						-	123	723					
~~M 25-9A~~													BM25-9A
													Grand View & Baldwin Ave. N.E. Cor
													See F.B. 3733-223

PLEASE RETURN TO

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F.B. 4119 PG. 206 | JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-17-71

INDEXED T. M. PALMERI DATE

T = 64°

WEATHER SUNNY, CLEAR INST. NO. 9671

TIME 8:50 TO 9:25 ROD NO. 9562

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 25-9A TO B.M. 25-10B
B.M. 25-9A													B.M. 25-9A
1	153	482	454	5	176 130	46	6	083	307	5	129 6	46	GRANDVIEW AVE. & BALDWIN AVE
													SEE F.B. 3733-223
2	299	652	600	5	299 282	34	10	629	311	5	133 10	46	
						80						92	
3	280	158	581	5	280 244	72	39	331 290	340	5	69 9	60	
						152						152	
4	189	780	490	5	229 149	80	84	792	385	5	124 44	80	
						232						232	T = MALDONADO
5	291	061	592	5	304 278	26	53	582	354	5	66 40	26	
						258						258	
6	265	650	566	5	297 233	64	121	108	422	5	156 87	69	
						322						327	
7	156	903	457	5	171 141	30	197	488	498	5	200 185	25	
						352						352	
B.M. 25-10B	6											352	B.M. 25-10B (R.M. # 2 SIERRA MADRE E.4A
	163	686					513	013				704	GRANDVIEW AVE & LIMA ST.
	513	013											SEE F.B. 1200-302, 935-21
+	12	673											& F.B. 3733-219, 221
	3												

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. Dreier
NOTES BY ~~[illegible]~~ T. Chasuid DATE 10-4-71 WEATHER CLEAR
INDEXED T. M. PALMER DATE NOV 24 71 TIME 1:40 - 2:45 INST. NO. 96716
NOTES CHKD DATE ROD NO. 95496
F.B. 4119 PG. 207

T-90°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 25-9A TO BM. 25-11
BM. 25-9A				45					B.M. 25-9A
1.	37 880	338 5		29 16	250 961	551 5		259 / 241 18	GRANDVIEW AVE. & BALDWIN AVE.
									SEE F.B. 3733-223 N.E. COR.
2.	27 452	328 5		46 / 08 38	300 721	601 5		300 / 279½ 42	
				54				60	
3.	14 249	315 5		35½ / 14½ 42	300 411	601 5		300½ / 279½ 42	
				96				102	
4.	8 719	309 5		24½ / 8½ 32	291 562	592 5		304 / 278 26	π B. SIEMANN
				128				128	
5.	8 780	309 5		23½ / 8½ 30	298 706	599 5		298½ / 285½ 26	
				158				154	
6.	17 585	318 5		32 / 2 30	300 960	601 5		300½ / 286½ 28	
				188				182	
7.	6 760	307 5		22½ / 6½ 32	291 719	592 5		306 / 276 30	
				220				218	
8.	17 334	318 5		29 / 5 24	280 731	581 5		296 / 264 32	
				244				244	
9.	16 381	317 5		31 / 1 30	262 211	563 5		277 / 247 30	
				274				274	
10	6 459	307 5		21½ / 6½ 30	292 176	593 5		292½ / 276½ 36	
				304				316	
11.	35 600	336 5		50 / 20 30	281 720	582 5		298 / 264 34	
				334				344	
12. ~~BM. 25-11~~	165 362	466 5		167 / 163 4	218 079	519 5		221 / 215 6	
				338				350	
B.M. 25-11								338	B.M. 25-11
	-362 561							688	GRANDVIEW AVE & CANON AVE
					-3369 957				SEE F.B. 935-41 & F.B. 3733-225
					-362 561				
					-3007 396				

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM ~~25-11~~ B TO ~~BM 25-9A~~ ~~BM D 486~~
BM 25-11													"BM 25-11
1	293 ~~25~~	~~342~~ ~~640~~	~~594~~ ~~326~~	~~5~~ ~~5~~	~~39~~ 305 281 ~~11~~	24 ~~28~~	~~62~~ ~~296~~	~~875~~ ~~469~~	~~363~~ ~~597~~	~~5~~ ~~5~~	~~29~~ 74 ~~283~~ 2	24 ~~26~~	Grandview Ave & Canon Ave
2	299 ~~9~~	~~891~~ ~~059~~	~~600~~ ~~310~~	~~5~~	½ ~~16~~ 299 284 ~~2~~	30 ~~14~~	~~30~~ ~~271~~	~~551~~ ~~367~~	~~331~~ ~~572~~	~~5~~ ~~5~~	~~28~~ 45 ~~263~~	30 ~~18~~	See F.B. 935-41, & 3733-225
						54						54	
3	291	991	592	5	306 226	30	36	328	337	5	51 21	30	
						84						84	⊼ B. SIEMANN
4	301	297	602	5	½ 301 286	30	29	920	330	5	45 13	32	
						114						116	
5	301	191	602	5	½ 301 288	26	19	954	320	5	33 5	28	
						140						144	
6.	300	468	601	5	½ 300 286	28	28	133	329	5	42 14	28	
						168						172	
7.	289	870	590	5	304 274	30	11	999	312	5	½ 25 11	28	
						198						200	
8	295	149	596		½ 295 280	30	9	531	310	5	½ 22 9	26	
						228						226	
9	296	415	597	5	½ 296 281	30	35	620	336	5	52 18	34	
						258						260	
~~10~~	~~298~~	~~650~~	~~599~~	~~5~~	~~½ 298 274~~	~~48~~	~~28~~	~~791~~	~~329~~	~~5~~	~~50 6~~	~~44~~	
						306						304	
11	293	270	594	5	½ 293 274	38	8	124	309	5	½ 24 8	32	
						344						336	
12.	135	301	436	5	137 133	4	87	688	388	5	91 83	8	
						348						344	
	+3396	835					389	514					
	- 389	514										348	B.M. 25-9A
	+3007	321										692	GRANDVIEW AVE. & BALDWIN AVE
BM. 25-9A													SEE F.B. 3733-223

T=680

WEATHER SUNNY-CLEAR INST. NO. 96716

TIME 250 - 3:30 ROD NO. 95-96

NOTES CHKD DATE

F.B. 4119 PG. 268 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET.

SURVEY BY G.E.D. NOTES T. OWASHI 11-16-71

INDEXED I. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 92°
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 10-4-71
INDEXED T. M. PALMERI DATE NOV 24 71
WEATHER CLEAR
TIME 2:45 - 3:30
NOTES CHKD
DATE
INST. NO. 96716
ROD NO. 95496
F.B. 4119 PG. 209

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 25-11 TO BM. 25-12C
BM. 25-11													B.M. 25-11
													~~CANON~~ GRANDVIEW AVE & CANON AVE.
1.	59	630	360	5	70 / 48	22	272 / ~~59~~	272	573	5	283 / 261	22	SEE F.B. 935-41, & F.B. 3733-225
2.	7 / ~~70~~	240	308	5	18 1/2 / 7	22 / 44	288	509	589	5	299 / 277	22 / 44	
3.	7	749	308	5	16 1/2 / 7 1/2	18 / 62	293	149	594	5	302 / 284	18 / 62	⊼ B. SIEMANN
4.	6	440	307	5	16 1/2 / 6 1/2	20 / 82	260	189	561	5	270 / 250	20 / 82	
5.	34	930	335	5	44 / 24	20 / 102	270	503	571	5	280 / 260	20 / 102	
6.	7	920	308	5	20 1/2 / 7 1/2	26 / 128	298	941	599	5	298 1/2 / 284 1/2	28 / 130	
7.	104	304	405	5	126 / 82	44 / 172	300	007	601	5	300 1/2 / 279 1/2	42 / 172	− 3578.750
8.	21	151	322	5	35 / 7	28 / 200	300	750	601	5	300 1/2 / 286 1/2	28 / 200	+ 451.016 / − 3127.734
9.	14	400	315	5	28 / 0	28 / 228	298	128	599	5	298 / 285	26 / 226	
10.	12	521	313	5	22 / 2	20 / 248	284	520	585	5	295 / 273	22 / 248	
11.	6	582	307	5	16 1/2 / 6 1/2	20 / 268	279	743	580	5	290 / 268	22 / 270	
12	16	189	317	5	31 / 1	30 / 298	224	449	525	5	241 / 207	34 / 304	
13.	151	960	452	5	164 / 138	26 / 324	207	590	508	5	217 / 197	20 / 324	B.M. 25-12C
	~~521~~	~~016~~				324	3578	750				324	GRANDVIEW AVE & FOOTHILL AVE.
BM. 25-12C	+ 451	016					~~521~~	~~016~~				648	SEE F.B. 1200-304, & F.B. 3733-229 227
							~~3057~~	~~734~~					

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 25-12C	205	170	506	5	75 228 182	46	6	299	307	5	1/2 28 6	44	FROM BM-25-12C TO BM 25-11
1	65	561	366	5	58	20	242	308	543	7	232	20	BM 25-12C AVE. Grandview & Foothill Av ~~Oak Crossing Rd.~~
													See F.B. 1200-304 & 3733-227, 229
2	288	400	589	5	301 275	26	7	759	308	5	1/2 20 7	26	
						72						70	⊼ B. SIEMANN
3	297	170	598	5	1/2 297 286	22	6	557	307	5	1/2 18 6	24	
~~B~~						94						94	~~B Oa~~
4	295	740	596	5	306 284	22	23	180	324	5	34 12	22	~~Oak Crossing Rd & Oak Garden Ct. & Int.~~
						116						116	
5	286	340	587	5	299 273	26	38	319	339	5	57 25	26	
						142						142	
6	300	075	601	5	1/2 300 284	32	29	821	330	5	46 12	34	
						174						176	
7	226	972	527	5	245 207	38	28	250	329	5	46 10	36	
8	300	262	601	5	1/2 300 289	212 22	39	332	340	5	50 28	212 22	
						234						234	
9	291	349	592	5	302 280	22	30	780	331	5	41 19	22	
						256						256	
10	295	630	596	5	303 287	16	15	580	316	5	23 7	16	
						272						272	
11	297	192	598	5	306 288	18	~~84~~ ~~24~~ 83	~~288~~ 997	~~325~~ 384	~~5~~ 5	93 ~~39~~ 73	20	
						290						292	
12	291	501	592	5	300 282	18	70	213	371	5	78 62	16	
						308						308	
13	245	830	546	5	254 236	18	113	650	414	5	122 104	18	
						326	493	731				326	
	+ 3621	631										326	
	- 493	731											
	+ 3127	900										652	B.M. 25-11
BM. 25-11													GRANDVIEW AVE & CANON AVE.
													SEE F.B. 935-41 & F.B. 3733-225

F.B. 4119 PG. 210 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES TO ~~[illegible]~~ 11-16-71

INDEXED T. M. PALMERI DATE

T-~~76~~ 70°

WEATHER SUNNY-CLEAR INST. NO. 96716

TIME ~~[illegible]~~ 2:10-2:50 ROD NO. 95-86

NOTES CHKD. DATE

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET 65°

F.B. 4119 PG. 211

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO 96716

NOTES BY G.E. DREIER DATE 11-15-71 TIME 9:10 TO 9:15 ROD NO 95896

INDEXED T. M. PALMERI DATE NOV 24 '71 NOTES CHKD. DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM. 25-12C TO BM. 25-12B
BM. 25-12C				1.58				184	BM. 25-12C (CORPS OF ENGR SMW-106)
1	155	670	456 5	152 6	181	710	482 5	178 6	GRAND VIEW AVE & FOOTHILL AVE
								6	SEE F.B. 3733-227, 229
					155	670		12	
					26	040			
BM. 25-12B									BM. 25-B (RM. #2 SIERRA MADRE H-4)
									GRAND VIEW AVE & FOOTHILL AVE
									SEE F.B. 3733-227

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 25-12B TO B.M. 25-12C
B.M. ~~EE~~ 25-12B													B.M. 25-12B. (SIERRA MADRE H-4 R.M.E. 2
1 +	167	843	468	5	173 161	12"	141	801	442		147 135	12"	GRANDVIEW AVE & FOOTHILL AVE.
												12"	SEE F.B. 3733-227
-	141	801										24"	π = MALDONADO
+	26	042											
B.M. 25-12C													B.M. 25-12C (CORPS OF ENGRS. M.W. 106
													GRANDVIEW AVE. & FOOTHILL AVE
													SEE F.B. 3733-227, 229

T = 72°

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 2:00 TO 2:05 ROD NO. 95819

NOTES CHKD _____ DATE _____

F.B. 4119 PG. 212 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-16-71

INDEXED T. M. PALMERI DATE

6P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. DREIER

NOTES BY G. E. DREIER DATE 11-15-71

INDEXED T. M. PALMERI DATE NOV 24 '71

WEATHER CLEAR 67°

TIME 9:15 TO 9:45

NOTES CHKD. DATE

INST. NO. 96716

ROD NO. 95891

F.B. 4119 PG. 213

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 25-12B TO B.M. 25-13
M.25-12B				280				37	B.M. 25-12B (SIERRA MADRE H-4 R.M. 2)
1	264	010	565 5	248 32	22	648	323 5	7 30	GRANDVIEW AVE & FOOTHILL AVE.
				1299				24	SEE F.B. 3733-227
2	299	506	500 5	1/2 287 24	14	363	315 5	4 20	
				56				50	
3	243	058	544 5	250 236 14	15	780	316 5	24 6 18	
				70				68	
4	290	552	591 5	300 280 20	6	543	307 5	18 1/2 6 24	J. MALDONADO
				90				92	
5	228	113	529 5	236 220 16	22	463	323 5	30 14 16	
				106				108	
6	295	041	596 5	307 282 25	15	572	316 5	26 3 23	
				131				131	
7	261	788	562 5	272 250 22	34	752	335 5	45 23 22	
				153				153	
8	290	738	591 5	302 278 24	39	071	340 5	50 28 22	
				177				175	
9	263	032	564 5	275 251 24	49	148	350 5	61 37 24	
				203				199	
10	233	422	534 5	245 231 14	116	038	417 5	127 105 22	
				~~217~~ 215				~~231~~ ~~217~~	B.M. 25-13 (SIERRA MADRA I-4)
B.M. 25-13									
	2669	260			336	378		~~438~~	GRAND VIEW AVE & LILIANO PL.
	336	378						221	SEE F.B. 3733-231
								215	
+	2332	882						436	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

F.B. 4119 PG. 214 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DEEIER NOTES SIEMANN 11-16-71

INDEXED J. M. PALMERI DATE

T = 72°

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 1:20 TO 2:00 ROD NO. 95496

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 25-13 TO B.M. 25-12B
B.M. 25-13	+4	+5											B.M. 25-13 (SIERRA MADRE I-4)
1	84	523	385	5	98 70	28	253	860	554	5	268 238	30	GRANDVIEW E. OF LILLIANO
													SEE F.B. 3733-231
2	3	549	304	5	18 2 3	30	298	620	599	5	278 228	28	
						58						58	
3	15	578	316	5	27 3	24	271	312	572	5	283 259	24	
						82						82	
4	12	876	313	5	26 -2	28	300	532	601	5	300 288	24	
						110						106	
5	19	495	320	5	28 10	18	294	572	595	5	306 282	24	
						128						130	T = MALDONADO
6	12	080	313	5	22 1	21	297	580	598	5	306 286	20	
						149						150	
7	20	789	321	5	28 12	16	254	575	555	5	262 246	16	
						165						166	
8	7	572	308	5	18 2 7	22	271	789	572	5	282 260	22	
						187						188	
9	15	338	316	5	28 2	26	241	651	542	5	254 228	26	
						213						214	
10	146	002	147	5	151 141	10	186	133	487	5	191 181	10	
						223						224	
B.M. 25-12B												223	B.M. 25-12B (SIERRA MADRE H-4 R.M. #2)
	+337	802					+2670	624				447	GRANDVIEW AVE. & FOOTHILL AVE.
							-337	802					SEE F.B. 3733-227
							+2332	822					

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 11-15-71 WEATHER CLEAR 68° TIME 9:45 TO 10:00 INST. NO. 96716
INDEXED T. M. PALMERI DATE NOV 24 '71 NOTES CHKD DATE ROD NO. 25 & 96
F.B. 4119 PG. 215

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 25-13 TO B.M. 25-14
M.25-13				178				292	B.M. 25-13 (SIERRA MADRE T-4)
1	159 271	460 5		140 38	273 723	574 5		254 38	GRAND VIEW AVE, E. OF LILIANO PL.
									SEE F.B. 3733-231
2	42 579	343 5		52 32 20	287 222	588 5		297 277 20	
				90 58				187 58	
3	83 982	384 5		76 14	180 046	481 5		173 14	T = MALDONADO
				72				72	
4								72	
	285 832				740 991			144	
M.25-14					285 832				B.M. 25-14
					455 159				GRAND VIEW AVE & SANTA ANITA AVE.
									SEE F.B. 3733-233

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 4119 PG. 216 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-16-71

INDEXED T. M. PALMERI DATE

WEATHER SUNNY, CLEAR ST. NO. 66716

TIME 1:12 TO 1:20 ROD NO. 95496

NOTES CHKD DATE

T = 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 25-14 TO B.M. 25-13
B.M. 25-14													B.M. 25-14 (SIERRA MADRE I-4A
1	235	291	536	5	248 222	26	7	580	308	5	17 27	20	SANTA ANITA AVE. & GRANDVIEW AVE
													SEE F.B. 3733-233
2	278	333	579	5	292 264	28	31	953	332	5	48 14	34	
						54						54	T = MALDONADO
3	193	550	494	5	202 184	18	212	481	513		221 203	18	
						72						72	
BM 25-13												72	B.M. 25-13 (SIERRA MADRE I-4)
	707	174					252	014				144	GRANDVIEW AVE. & HO. # 1115
	252	014											SEE F.B. 3733-231
+	455	160											

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER DATE 11-15-71 WEATHER CLEAR 66°
NOTES BY G.E. DREIER TIME 10:00 TO 10:05 INST. NO. 96716
INDEXED T. M. PALMERI DATE NOV 24 71 NOTES CHKD DATE ROD NO. 25 & 26
F.B. 4119 PG. 217

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 25-14 TO B.M. 25-14A
B.M. 25-14									B.M. 25-14 (SIERRA MADRE I-4A)
1	93	829	394	5 98 88 10	225	021	526	5 230 220 10	GRAND VIEW AVE & SANTA ANITA AVE
								10	SEE F.B. 3733-233
					93	829			
B.M. 25-14A					131	192		20	π = MALDONADO
									B.M. 25-14A
									GRAND VIEW AVE & SANTA ANITA AVE.
									SEE F.B. 3733-233

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 4119 PG. 218 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-16-71

INDEXED T. M. PALMERI DATE

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 11:45 TO 11:55 ROD NO. 25892

NOTES CHKD DATE

T= 70°

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 25-14A TO B.M. 25-14
B.M. 25-14A													B.M. 25-14A
1	231	990	532	5	236 226	10	100	791	401	5	105 95	10	SANTA ANITA AVE. & GRANDVIEW AVE.
												10 20	SEE F.B. 3733-233
	100	791											X= MALDONADO
B.M. 25-14	131	199											B.M. 25-14 (SIERRA MADRE I-4A)
													SANTA ANITA AVE. & GRANDVIEW AVE.
													SEE F.B. 3733-233

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 25-14A TO B.M. 25-14B
B.M. 25-14A													B.M. 25-14A S.E. COR.
					93						189		
	84	137	385	5	75	18	181	228	482	5	173	16	GRAND VIEW AVE & SANTA ANITA AVE.
												18	SEE F.B. 3733-233
							84	137					
							-97	091				34	
B.M. 25-14B													B.M. 25-14B S.W. COR.
													GRAND VIEW AVE & SANTA ANITA AVE.
													SEE F.B. 3733-233

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER DATE 11-15-71 WEATHER CLEAR T=65°

NOTES BY G.E. DREIER TIME 10:05 TO 10:15 INST. NO. 96716

INDEXED T. M. PALMERI DATE NOV 24 '71 NOTES CHKD DATE ROD NO. 95 & 96

F.B. 4119 PG. 219

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 25-14B TO B.M. 25-14A
B.M. 25-14B													B.M. 25-14B
1	177	089	478	5	183 171	12	80	022	381	5	87 73	14	SANTA ANITA AVE. & ~~SIERRA~~ GRAND VIEW AV.
												12	SEE F.B. 3733-233
	80	022										26	π = MAL
B.M. 25-14A	97	067											B.M. 25-14A
													SANTA ANITA AVE. & GRANDVIEW AVE.
													SEE F.B. 3733-233

F.B. 4119 PG. 220 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-16-71

INDEXED T. M. PALMERI DATE

WEATHER PTLY CLOUDY INST. NO. 9676

TIME 10:35 TO 10:45 ROD NO. 9559

NOTES CHKD DATE

T=70

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=64°

SURVEY BY G.E. DREIER WEATHER CLEAR

NOTES BY G.E. DREIER DATE 11-15-71 TIME 10:15 TO 11:00 ROD NO. 95 & 96

INDEXED T. M. PALMER DATE NOV 24 '71 NOTES CHKD DATE

F.B. 4119 PG. 221

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 25-14B TO B.M. 25-15
B.M. 25-14B									B.M. 25-14B
1	20	978	321 5	28 12 16	279	791	580 5	287 271 16	GRAND VIEW AVE & SANTA ANITA AVE
									SEE F.B. 3733-233
2	4	679	305 5	14 ½ 4 20	293	106	594 5	301 285 16	
				36				32	
3	5	581	306 5	14 ½ 5 18	285	387	586 5	294 276 18	
				54				50	⊼ J. MALDONADO
4	6	938	307 5	14 ½ 6 16	282	738	583 5	290 274 16	
				70				66	
5	5	841	306 5	14 ½ 5 18	296	683	597 5	305 287 18	
				88				84	
6	5	350	306 5	14 ½ 5 18	300	847	601 5	300 291 18	
				106				102	
7	9	111	310 5	17 1 16	296	441	597 5	304 287 17	
				122				119	
8	5	949	306 5	14 ½ 5 18	289	898	590 5	298 280 18	
				140				137	
9	4	052	305 5	13 ½ 4 18	295	732	596 5	304 286 18	+ 321.779
				158				155	− 4608.7~~31~~27
10	12	492	313 5	21 3 18	289	925	590 5	298 280 18	− 4286.~~952~~ 948
				176				173	
11	~~4~~ 3	963	304 5	15 ½ 3 24	297	842	598 5	287 297 20	
				200				193	
12	39	895	340 5	45 33 12	299	138	600 5	299 289 20	
				212				213	
13	7	812	308 5	16 ½ 7 18	281	333	582 5	290 272 18	
				230				231	
14	22	493	323 5	32 12 20	286	802	587 5	295 277 18	B.M. 25-15
				250				249	
15	8	102	309 5	18 ½ 8 20	296	772	597 5	307 285 22	SANTA ANITA AVE & SIERRA MADRE BLVD
				270				271	
16	158	543	459 5	165 151 14	236	292	537 5	243 229 14	SEE F.B. 3733-235
	321	779		284	608	~~731~~ 27		285 284	1/569

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 25-15 TO B.M. 25-14B
B.M. 25-15									B.M. 25-15
1	290	272	591 5	299 / 281 18	6	201	307 5	1/2 16 / 6 20	SANTA ANITA AVE. & SIERRA MADRE BLV.
2	280	211	581 5	291 / 269 22 / 40	3	945	304 5	1/2 13 / 3 20 / 40	SEE F.B. 3733-235
3	285	500	586 5	294 / 276 18 / 58	23	061	324 5	32 / 14 18 / 58	
4	290	309	591 5	301 / 279 22 / 80	22	340	323 5	33 / 11 22 / 80	
5	293	943	594 5	304 / 282 22 / 102	4	741	305 5	14 / 4 20 / 100	
6	299	002	600 5	1/2 299 / 290 18 / 120	8	380	309 5	1/2 16 / 0 16 / 116	
7	269	828	570 5	276 / 262 14 / 134	25	482	326 5	32 / 18 14 / 130	
8	269	162	570 5	276 / 262 14 / 148	4	328	305 5	1/2 12 / 4 16 / 46	π = MALDONADO
9	295	419	596 5	304 / 286 18 / 166	5	690	306 5	14 / 5 18 / 164	
10	290	142	591 5	298 / 282 16 / 182	5	715	306 5	1/2 14 / 5 18 / 182	
11	301	590	602 5	1/2 301 / 292 18 / 200	6	670	307 5	1/2 15 / 6 18 / 200	+4524.763 ✓
12	301	690	602 5	301 / 292 18 / 218	7	452	308 5	1/2 15 / 7 16 / 216	-237.871 ✓
13	283	371	584 5	291 / 275 16 / 234	11	978	312 5	19 / 5 14 / 230	+4286.892 ✓
14	291	761	592 5	300 / 282 18 / 252	9	510	310 5	17 / -9 18 / 248	
15	299	954	600 5	1/2 299 / 291 16 / 268	8	021	309 5	18 / -0 18 / 266	
16	183	209	484 5	185 / 181 4 / 272	84	357	385 5	87 / 81 6 / 272	
									B.M. 25-14B
B.M. 25-14B								272	SANTA ANITA AVE. & GRAND VIEW AV
	+4524763 ✓				-237871 ✓			544	SEE F.B. 3733-233

T = 68°

WEATHER PTLY CLOUDY INST. NO 96716

TIME 10:35 TO 11:35 ROD NO 96539

NOTES CHKD. DATE

F.B. 4119 PG. 222 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-16-71

INDEXED T. M. PALMERI DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 70°
SURVEY BY G.E. DREIER WEATHER CLEAR
NOTES BY G.E. DREIER DATE 11-12-71 TIME 11:15 TO
INDEXED T. M. PALMERI DATE NOV 24 '71 NOTES CHKD DATE
F.B. 4119 PG. 223 INST. NO 96716 ROD NO 25 & 26

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 25-15 TO B.M. 25-27
M.25-15													B.M. 25-15
1	90	625	391	5	104 76	28	298	879	599	5	298 ½ 286	24	SANTA ANITA AVE & SIERRA MADRE BLVD
													SEE F.B. 3733-235
2	13	941	314	5	25 1	24	292	701	593	5	304 280	24	
3	47	940	348	5	58 36	52 22	267	310	668	5	280 254	48 26	
4	14	858	315	5	30 ½ 14	74 32	297	140	598	5	297 ½ 281	74 32	T R. SIEMANN
5	34	941	335	5	49 19	106 30	262	779	563	5	277 247	106 30	
6	19	823	320	5	39 -1	136 40	298	609	599	5	298 ½ 277	136 44	
7	8	580	309	5	137 ½ 8	176 58	290	180	591	5	290 ½ 260	180 60	
8	83	619	384	5	102 64	234 38 272	288	141	589	5	304 272	240 32	
												272	
M.25.27												272	B.M. 25-27 (SIERRA MADRE I-6A)
	~~274~~	~~327~~					-2295	739				544	SANTA ANITA AVE & ORANGE GROVE AVE
	-314	327					~~274~~	~~327~~					SEE F.B. 3733-239
							~~-202~~	~~1412~~					
							-2295	739					
							+ 314	327					
							-1981	412					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 25-27 TO B.M. 25-15
B.M. 25-27													B.M. 25-27 (SIERRA MADRE I-6A)
1	292	341	593	5	½ 292 / 292	40	38	622	339	5	57 / 19	38	SANTA ANITA AVE & ORANGE GROVE
													SEE F.B. 3733-239
2	267	735	568	5	288 / 246	42	9	550	310	5	½ 29 / 9	40	
						82						78	
3.	291	208	592	5	½ 306 / 276	30	34	360	335	5	51 / 17	34	⊼ B. SIEMANN
						112						112	
4.	276 / ~~279~~	989	577	5	296 / 256	40	19	153	320	5	½ 40 / 19	42	
						152						154	
5	288	529	589	5	½ 288 / 268	40	9	310	310	5	½ 27 / 9	36	
						192						190	
6	296	386	597	5	½ 296 / 281	30	5	192	306	5	½ 21 / 5	32	
						222						222	
7.	301	960	602	5	½ 307 / 288	26	10	528	311	5	½ 22 / 10	24	
						248						246	
8.	222	402	523	5	227 / 217	10	129	548	430	5	135 / 123	12	
						258						258	
												258	
	2237	550					256	263				516	
B.M. 25-15	256	263											B.M. 25-15
	+1981	287											SANTA ANITA AVE & SIERRA MADRE BLVD.
													SEE F.B. 3733-235

F.B. 4119 PG. 224 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET.

SURVEY BY G.E.D. NOTES T. OHASHI 11-16-71

INDEXED I. M. PALMERI DATE

T=67°

WEATHER SUNNY-CLEAR INST. NO. 96716

TIME 10:05 - 10:30 ROD NO. 95-91

NOTES CHKD DATE

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 67°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 11-15-71 WEATHER PART CLOUDY
INDEXED T. M. PALMERI DATE NOV 24 '71 TIME 1:15 PM NOTES CHKD DATE INST. NO. 96716 ROD NO. 25 & 26
F.B. 4119 PG. 225

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 25-27 TO B.M. 11-2
M. 25-27													B.M. 25-27 (SIERRA MADRE I-6A)
1	142	240	443	5	169 / 115	54	293	561	594	5	½ 298 / 266	54	SANTA ANITA AVE & ORANGE GROVE AVE
													SEE F.B. 3733-239
2	16	539	317	5	½ 45 / 16	58	295	670	596	5	½ 295 / 266	58	
						112						112	
3	43	070	344	5	72 / 14	58	279	095	580	5	279 / 249	60	T. R. SIEMANN
						170						172	
4	32	720	333	5	61 / 3	58	278	062	579	5	278 / 248	60	
						228						232	
5	24	377	325	5	½ 60 / 24	72	253	958	554	5	289 / 217	72	
						300						304	
6	75	426	376	5	104 / 46	58	284	581	585	5	½ 284 / 257	54	
						358						358	
												358	B.M. 11-2 (SIERRA MADRE I-6
M. 11-2												716	FOOTHILL BLVD. & SANTA ANITA AVE
	334	372					1684	927					SEE F.B. 1376-7
							334	372					
							1350	555					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4119 PG. 226 | JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET.

SURVEY BY G.E.D. NOTES T-Chaseh 11-16-71

INDEXED I. M. PALMERI DATE

T=66°

WEATHER Sunny-Clear INST. NO. 9216

TIME 9:35 - 10:05 ROD NO. 96-96

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-2 TO B.M. 25-27
BM. 11-2													B.M. 11-2 (SIERRA MADRE I-6)
1	274	180	575	5	½ 274 / 236	76	39	631	340	5	28 / 0	78	FOOTHILL BLVD. & SANTA ANITA AVE.
													SEE F.B 1376-7
2	266	717	567	5	½ 302 / 230	72	26	490	327	5	½ 61 / 26	70	
						148						148	
3	294	840	595	5	½ 294 / 242	64	16	560	317	5	½ 49 / 17	64	⊼ B. SIEMANN
						212						212	
4	287	583	588	5	½ 287 / 257	60	23	040	324	5	½ 53 / 23	60	
						272						272	
5	287	121	588	5	½ 287 / 258	58	26	450	327	5	½ 56 / 26	60	
						330						332	
6	227	417	528	5	239 / 215	24	155	771	456	5	144 / 144	22	
						354						~~354~~	
												~~344~~	
	1637	858					287	942				698	
B.M. 25-27	287	942											B.M. 25-27 (SIERRA MADRE I-6A)
	+1349	916										354	SANTA ANITA AVE & ORANGE GROVE AVE
												354	SEE R.B. 3733-239
												708	

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RERUN RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 11-2 TO B.M. 25-27
B.M. 11-2													B.M. 11-2 (SIERRA MADRE I-6)
1	282	419	583	5	282 / ½ 242	80	28	210	329	5	67 / ½ 28	78	FOOTHILL BLVD. & SANTA ANITA AVE.
													SEE F.B. 1376-7
2	252	901	553	5	187 / 117	70	30	879	331	5	65 / ½ 30	70	
						150						148	
3	292	452	593	5	292 / ½ 262	60	28	539	329	5	58 / -2	60	
						210						208	
4	291	189	592	5	291 / ½ 261	60	26	852	327	5	56 / ½ 26	60	RERUN
						270						268	
5	268	339	569	5	268 / ½ 243	50	44	010	345	5	70 / 18	52	⊼ R. SIEMANN
						320						320	
6	249	560	550	5	266 / 232	34	128	201	429	5	146 / 110	36	
						354						356	
M. 25-27												354	B.M. 25-27 (SIERRA MADRE I-6A)
	1636	860					286	691				710	SANTA ANITA AVE & ORANGE GROVE AVE
	286	691											SEE F.B. 3733-239
+	1350	169											

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=54°
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO 96716
NOTES BY G.E. DREIER DATE 11-18-71 TIME 9:00 ROD NO 95 & 96
INDEXED T. M. PALMERI DATE NOV 24 '71 NOTES CHKD DATE

F.B. 4119 PG. 227

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 4119 PG. 228 JOB NO 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-18-71

INDEXED I. M. PALMERI DATE

55°

WEATHER OVERCAST INST. NO 96716

TIME 9:25 to 9:45 ROD NO 25896

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RERUN RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 25-27 TO B.M. 11-2
B.M. 25-27													B.M. 25-27 (SIERRA MADRE I-6A)
1	112	050	413	5	145 79	66	300	440	601	5	300 ½ 268	64	SANTA ANITA AVE & ORANGE GROVE AVE
													SEE F.B. 3733-239
2	7	240	308	5	135 ½ 7	56	282	280	583	5	282 ½ 255	54	
						122						118	
3	43	629	344	5	74 12	62	292	359	593	5	292 ½ 261	62	RERUN
						184						180	R. SIEMANN
4	8	111	309	5	145 ½ 8	74	283	420	584	5	283 ½ 248	70	
						258						250	
5	57	700	358	5	89 25	64	269	116	570	5	306 232	74	
						322						324	
6	104	292	405	5	123 85	38	255	521	556	5	273 237	36	
						360						360	
B.M. 11-2												360	B.M. 11-2 (SIERRA MADRE I-6)
	333	022					683	136				720	FOOTHILL BLVD. & SANTA ANITA AVE
							333	022					SEE F.B. 1376-7
							1350	114					

76P526B CE # 308 8/68

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-2 TO B.M. 11-1A
B.M. 11-2									B.M. 11-2 (SIERRA MADRE I-6)
1	222	351	523 5	252 / 192 60	106	218	407 5	138 / 74 64	FOOTHILL BLVD. & SANTA ANITA AVE
									SEE F.B. 1376-7
2	178	092	479 5	214 / 142 72	131	713	432 5	168 / 94 74	
				132				138	
3	183	593	484 5	218 / 148 70	120	519	421 5	155 / 85 70	
				202				208	T J. MALDONADO
4	121	799	422 5	157 / 85 72	129	989	430 5	162 / 96 66	
				274				274	
5	~~142~~	~~477~~	~~443 5~~	~~146 / 138 8~~	142	477	443 5	146 / 138 8	
	137	077	438 5	141 / 133 8				282	
				282				282	1967
B.M. 11-1A									B.M. 11-1A (F.C. B.M. 062-31125)
	842	912			630	916		564	FOOTHILL BLVD & WASH W. OF RODEO RD
	630	916							SEE F.B. 3710-14
	+211	996							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 11-15-71

INDEXED T. M. PALMERI DATE NOV 24 71

WEATHER BREEZE-PART CLOUDY T=65°

TIME 1:45 TO 2:10

NOTES CHKD

INST. NO 96716

ROD NO. 95 & 96

DATE

F.B. 4119 PG. 229

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 11-1A TO B.M. 11-2
B.M. 11-1A													B.M. 11-1A (F.C.B.M. 062-3112.5)
1	131	407	432	5	154 108	46	138	070	439	5	160 116	44	FOOTHILL BLVD & WASH W. OF RODEO 1967 R
													SEE F.B. 3710-14
1.	135	924	436	5	158 ½ 135	46	139	581	440	5	162 116	46	
2.	158	581	459	5	193 123	70	191	110	492	5	226 156	70	⊼ J. MALDONADO
						116						116	
3.	116	791	417	5	155 77	78	191	698	492	5	229 153	76	
						194						192	
4	132	566	433	5	179 94	76	233	329	534	5	272 191	78	
	+543	862				270	755	718				270	
							+543	862				270	
B.M. 11-2							+211	856				540	B.M. 11-2 (SIERRA MADRE I-6)
													FOOTHILL BLVD. & SANTA ANITA AVE.
													SEE F.B. 1376-7

T=66°

WEATHER PARTLY-CLOUDY INST. NO. 96716

TIME ~~3:05~~ 9:15 - 9:35 ROD NO. 95896

NOTES CHKD. DATE

F.B. 4119 PG. 230 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D NOTES T. OHASHI 11-16-71

INDEXED T. M. PALMERI DATE

75P625B CE # 308 8/66

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=66° BR.
SURVEY BY S.E.D.
NOTES BY L.W. JONES DATE 11-15-71 WEATHER PART CLOUDY INST. NO 96716
INDEXED T.M. PALMERI DATE NOV 24 '71 TIME 2:15 TO 2:35 ROD NO 95896
NOTES CHKD DATE

F.B. 4119 PG. 231

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 11-1A TO B.M. 11-1
B.M. 11-1A									B.M. 11-1A (F.C. B.M. 062-31125)
1	250	963	551 5	280 220 60	35	290	336 5	65 5 60	FOOT HILL BLVD., 400' EAST OF RANCHO RD. F.B. 3710-14
2	294	158	595 5	½ 294 258 72	11	181	312 5	47 11 ½ 72	
				132				132	
3	287	002	588 5	½ 287 252 70	14	902	315 5	½ 50 14 72	
				202				204	π = MALDONADO
4	297	323	598 5	½ 297 262 70	5	853	306 5	½ 35 5 60	
				272				264	
5	251	940	552 5	271 231 40	54	850	355 5	79 29 50	
	+ 1381	386		312	122	076		314	
	- 122	076						312	
	+ 1259	310						626	
B.M. 11-1									B.M. 11-1 (SIERRA MADRE G-6) ~~F.B. 2880-13~~ FOOT HILL BLVD. & BURNELL OAKS LANE SEE F.B. 2880-13

F.B. 4119 PG. 232

JOB NO. 0301.02

SURVEY OF L. A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES JONES 11-15-71

INDEXED T. M. PALMERI DATE

WEATHER CLEAR

TIME 2:40 - 3:0

NOTES CHKD

T = 66°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA
B.M. 11-1								
1	34	515	335 5	½ 65 34 62 ~~42~~	297	222	598 5	½ 287 247 60
2	7	617	308 5	½ 38 7 62	281	403	582 5	½ 281 249 64
				124				124
3	28	802	329 5	½ 61 28 66	275	851	576 5	306 243 63
				190				187
4	14	652	315 5	½ 50 14 72	301	823	602 5	301 264 74
				262				261
5	49	120	350 5	76 22 54	237	854	538 5	263 210 53
	+ 134	706		316	1394	153		314
					+ 134	706		316
					1259	447		630
B.M. 11-1A								

FROM B.M. 11-1 TO B.M. 11-1 A

B.M. 11-1 (~~F.B. 2880-13~~ STERRA MADRE 6-6)
FOOTHILL BLVD. & BURNELL
OAKS LANE SEE F.B. 2880-13

⊼ = MALDONADO

B.M. 11-1A (F.C. B.M. 062-31125).
FOOTHILL BLVD., 400' EAST
OF RANCHO RD.
F.B. 3710-14